## FY 2002 AMENDED BUDGET SUBMISSION

## **ARMY NATIONAL GUARD**





## MILITARY CONSTRUCTION PROGRAM

**FY 2002** 

**JUSTIFICATION DATA SUBMISSION TO CONGRESS** 

**JUNE 2001** 

**DEPARTMENT OF THE ARMY** 

"This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change."

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# DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION, ARMY NATIONAL GUARD - FY 2002 INDEX OF LOCATIONS (DOLLARS IN THOUSANDS)

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	NEW OR CURRENT MISSION	DD FORMS 1391 <u>PAGE</u>
	INSIDE THE UNITED	STATES			
Alabama	Huntsville Unit Training Equipment Site Mobile	7,498	7,498	N	1
	Readiness Center, Add/Alt	5,333	5,333	С	7
	State Total	12,831	12,831		
Arizona	Marana Army Aviation Support	14 250	14 250		12
	Facility	14,358	14,358	N	
	State Total	14,358	14,358		
California	Fort Irwin Maneuver Area Training Equipment Site (Phase I) Lancaster	- 21,953	21,953	С	17
	Readiness Center (ADRS)	4,530	4,530	N	26
	State Total	26,483	26,483		
Idaho	Gowen Field Mobilization Readiness Ctr	8,117	8,117	С	31
	State Total	8,117	8,117		
Iowa	Estherville Readiness Center	2,713	2,713	С	36
	State Total	2,713	2,713		

## CONTINUATION INDEX OF LOCATIONS

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	NEW OR CURRENT MISSION	DD FORMS 1391 <u>PAGE</u>
Kansas	Fort Riley Organizational Maintenance Shop, ADD/ALT (ADRS)	645	645	N	41
	State Total	645	645		
Louisiana	Carville Readiness Center Camp Beauregard	5,677	5,677	C	46
	Readiness Center	5,392	5,392	C	51
	State Total	11,069	11,069		
Maine	Bangor Army Aviation Support Facility	11,618	11,618	С	56
	State Total	11,618	11,618		
Maryland	Salisbury Org Maintenance Shop	2,314	2,314	С	63
	State Total	2,314	2,314		
Mass	Framingham Org Maintenance Shop	8,347	8,347	С	69
	State Total	8,347	8,347		

## CONTINUATION INDEX OF LOCATIONS

STATE	INSTA	LLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	CURRENT	DD FORMS 1391 <u>PAGE</u>
Michigan		ng ned Support Maintenance Phase 2	5,809	5,809	С	75
	State	Total	5,809	5,809		
Mississippi	Milita Phase Gulfpe Readin	ary Education Center 2	11,444 9,145 20,589	11,444 9,145 20,589	C C	81 86
Montana	Kalis Readin ADD/A	pell ness Center LT (ADRS)	822	822	N	91
New Hampshi:	State Total re Concord		822	822		
		Army Aviation Support Facility Readiness Center	27,185	27,185	С	96
		Add/Alt	1,868	1,868	N	101
		State Total	29,053	29,053		

## CONTINUATION INDEX OF LOCATIONS

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	CURRENT	DD FORMS 1391 <u>PAGE</u>
New York	Fort Drum Maneuver Area Training And Equipment Site	17,000	17,000	N	106
	State Total	17,000	17,000		
Ohio	Cincinnati Readiness Center	9,780	9,780	С	121
	State Total	9,780	9,780		
South Dakota	Mitchell Combined Support Maintenance Shop	14,228	14,228	С	127
	State Total	14,228	14,228		
Tennessee	Henderson Organizational Maintenance Shop Alcoa Readiness Center	2,012 8,203	2,012 8,203		133 138
	State Total	10,215	10,215		
Texas	Austin Army Aviation Support Facility	25,659	25,659	С	144
	State Total	25,659	25,659		
Wisconsin	Oshkosh Organizational Maintenance Shop	5,274	5,274	С	150
	State Total	5,274	5,274		

TOTAL Major	Construction	236,924	236,924	
SUPPORT:				
	Planning and Design Minor Construction	25,794 <u>4,671</u>	25,794 <u>4,671</u>	
	SUBTOTAL Support	30,465	30,465	
GRAND TOTAL	Authorization/Appropriation	a 267,389	267,389	
TOTAL New M TOTAL Curre TOTAL Plann TOTAL Minor	46,721 190,203 25,794 4,671			
	GRAN	ID TOTAL	267,389	

#### APPROPRIATION LANGUAGE

#### MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and the Reserve Forces Facilities Act \$281,717,000 (\$267,389,000) to remain available until 30 September 2005 (30 September 2006).

#### SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT: The military construction projects proposed in the program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of the existing pollution programs at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

**ENERGY CONSERVATION**: Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

FLOOD PLAIN MANAGEMENT AND WETLANDS PROTECTION: Proposed land acquisition, disposition, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flooding losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order No. 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL: In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

<u>PRESERVATION OF HISTORICAL SITES AND STRUCTURES</u>: Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

<u>USE OF EXCESS SCHOOLS AND OTHER BUILDINGS</u>: Considerations were made to utilize available commercial or academic buildings, but none were found suitable.

ENVIRONMENTAL PROTECTION: In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or

is actively underway for all projects in the Military Construction Program.

NON-MILCON CONSTRUCTION: \$347.0 million in the FY02 ARNG Sustainment Restoration Maintenance Program will maintain 36,945,226 SF in 5,779 logistical support buildings. Furthermore, SRM supports 283 training sites, 12,834 training and operations, administrative, and other buildings totaling 36,558,417 SF in the 54 States, Territories and Commonwealths used by the ARNG and other DoD activities. The funding is dedicated to Annual Recurring Maintenance of \$73.7 million and routine or emergency maintenance and repair projects of approximately \$273.3 million.

**LONG-TERM FACILTIES CONTRACTS**: The National Guard does not have any long-term facilities contracts.

<u>CONSTRUCTION CRITERIA</u>: Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

**ECONOMIC ANALYSIS**: Economics are an inherent aspect of project development and design of military construction projects. Projects included in this program represent the most economical use of resources.

RESERVE MANPOWER POTENTIAL: The Reserve Manpower potential to meet and maintain authorized strengths of all Reserve units in the areas where units are to be located has been reviewed in accordance with the procedures described in DoD Instruction 1225.8. "It has been determined, in coordination with the other Military Departments having Reserve units in the area, that the number of Reserve Components presently located in the area, and those units having been allocated in the area, and those units having been allocated to this area for future activation, is not and shall not be larger than the number that reasonably may be maintained at the authorized strength."

**CONGRESSIONAL REPORTS**: The following is a synopsis of projects contained in Congressional Reports:

## Senate Military Construction Appropriation Bill, 2001 (S.R. 106-290), dated 11 May 2000.

(Page 21) Weapons of Mass Destruction—Civil Support Teams.—The Committee notes the continued progress by the Department in creating the Weapons of Mass Destruction—Civil Support Teams (WMDCST). However, as the National Guard assumes this new

mission, many of these teams do not have adequate facilities from which to train, to coordinate with other federal and state agencies, and to store decontamination and reconnaissance equipment. Any out-standing requirements in this area must be fully integrated into the overall resourcing strategy for responding to weapons of mass destruction. The Committee has provided the Army National Guard an additional \$25,000,000 specifically for unspecified minor construction funding to directly support WMDCST requirements. The Committee directs the Chief of the National Guard Bureau to report to the congressional defense committees on the distribution of these funds no later than February 15, 2001.

**ARNG Response:** A report of the distribution of Weapons of Mass Destruction funds was provided to Congress in February 2001.

- (Page 22) The Committee fully expects contracts for the following projects to be awarded, as early in fiscal year 2001 as practical:
- (Page 22) Armed Forces Services Reserve Center, Kalispell, MT.—Of the \$22,232,000 provided for planning and design within the 'Army National Guard' account, the Committee directs that not less than \$627,000 be made available for the design of an Armed Forces Reserve Center.

ARNG Response: The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 22) Army Aviation Support Facility, Santa Fe, NM.—Of the \$22,232,000 provided for planning and design within the 'Army National Guard' account, the Committee directs that not less than \$1,440,000 be made available for the design of an Army aviation support facility.

**ARNG Response:** The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

(Page 22) Entry Way/Guard Facility, Fort Harrison, MT.-Of the \$22,232,0000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$100,000 be made available for the design of an entry way/guard facility at Fort Harrison, MT.

ARNG Response: The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 22) Training Site Barracks/Dining/Administration Complex, Camp Rapid, SD.—Of the \$22,232,000 provided for planning and design within the ''Army National Guard'' account, the Committee directs that not less than \$980,000 be made available for the design of a training site barracks/dining/administration/parking complex.

**ARNG Response:** The State has been authorized to proceed with design.

- (Page 22) C-12 Hangar, Helena, MT.—Of the \$12,775,000 provided for unspecified minor construction within the 'Army National Guard' account, the Committee directs that not less than \$1,200,000 be made available to construct a C-12 hangar.

  ARNG Response: The State has been authorized to proceed with design. Once National Guard Bureau has approved the final design, the State will be granted the authority to bid the project.
- (Page 23) Rural Armory Improvement, NV.- Of the \$12,775,000 provided for unspecified minor construction within the "Army National Guard" account the Committee directs that not less than \$1,490,000 be made available for rural armory improvements in Elko, Ely, Winnemucca, Fallon and Yerington, NV.

  ARNG Response: The State is presently revising the programming

ARNG Response: The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

(Page 23) Combined Public Safety Training Center, Spokane, WA.The Committee notes the meritorious nature of the joint use Army
National Guard Public Safety Training Center planned for
Spokane, WA. Planning and design funds have previously been
made available for this project, and the Committee urges the
Army National Guard to advance the project into the President's
fiscal year 2002 budget.

ARNG Response: The State has been authorized to proceed with design. There is not sufficient funding within the Defense program to support this worthy project. The Army National Guard

continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

- (Page 23) Infrastructure Improvements, Fort Harrison, MT.—Of the \$12,775,000 provided for unspecified minor construction within the 'Army National Guard' account, the Committee directs that not less than \$1,200,000 be made available for infrastructure improvements at Fort Harrison, MT.

  ARNG Response: The programming documents (DD Forms 1390/91) were approved staffed and the project approved. The project will be funded with Operations and Maintenance funds.
- (Page 23) Army Aviation Support Facility, Camp Robinson, AR.—
  The Committee notes the urgent requirement for the replacement
  of the Army aviation support facility at Camp Robinson, AR. The
  current facility is wholly inadequate in terms of accommodating
  both equipment and personnel. The Committee encourages the Army
  National Guard to advance this project into the President's
  fiscal year 2002 budget.

ARNG Response: The State has been authorized to proceed with design.

- (Page 23) BOQ/BEQ, Fort Harrison, MT.—Of the \$12,775,000 provide for unspecified minor construction within the 'Army National Guard' account, the Committee directs that not less than \$1,200,000 be made available for construction of a BOQ/BEQ. ARNG Response: The State has been authorized to proceed with design. Once National Guard Bureau has approved the final design, the State will be granted the authority to bid the project.
- (Page 23) Readiness Centers, WV. Of the \$22,232,000 provided for planning and design within the 'Army National Guard' account, the Committee directs that not less than \$2,400,000 be made available for the design of readiness centers in Summersville, Sam Black Church, and Moorefield, WV.

  ARNG Response: Design authority will be granted for the Summersville Readiness Center. The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau for the Lewisburg Readiness Center. The location was changed by the State from Sam Black Church to Lewisburg. Once the staffing

- (Page 23) Readiness Centers, WV.(cont) is complete and the project scope approved, design authority will be granted. The State has not provided the programming documents (DD Forms 1390/91) for the Moorefield Readiness Center. Once the programming documents are received they will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support these worthy projects. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.
- (Page 23) Army Aviation Support Center, Fort Leonardwood, MO.— Of the \$12,775,000 provided for unspecified minor construction within the 'Army National Guard' account, the Committee directs that not less than \$1,260,000 be made available for the construction of this facility.

**ARNG Response:** The State has been authorized to proceed with design.

(Page 23) Armory Addition, Fairfield, IA.—Of the \$12,775,000 provided for unspecified minor construction within the 'Army National Guard' account, the Committee directs that not less than \$1,066,000 be made available for the construction of this facility.

**ARNG Response:** This project was bid and awarded in September 2000.

(Page 23) Aviation Classification and Repair Activity Depot, Fresno, CA.—Of the \$22,232,000 provided for planning and design within the 'Army National Guard' account, the Committee directs that not less than \$2,000,000 be made available for the design of this facility.

ARNG Response: The programming documents (DD Forms 1390/91) provided by the State are not in the correct format. Once the programming documents are received in the proper format they will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted.

(Page 23) Armed Forces Reserve Center, Bergstrom AFB, TX.—Of the\$22,232,000 provided for planning and design within the 'Army National Guard' account, the Committee directs that not less than \$2,000,000 be made available for the design of an Armed Forces Reserve Center.

ARNG Response: The programming documents (DD Forms 1390/91) provided by the State are not in the correct format. Once the programming documents are received in the proper format they will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted.

(Page 24) Aviation Support Facility, Burlington, IAP, VT.-Of the \$22,232,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$2,000,000 be made available for the design of this facility.

**ARNG Response:** The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

- (Page 24) Scout Armories, AK.—Of the \$12,775,000 provided for unspecified minor construction within the 'Army National Guard' account, the Committee directs that not less than \$1,500,000 be made available for the construction of Scout armories in Scammon Bay, Kasigluk and Chevak, Alaska.

  ARNG Response: The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.
- (Page 24) Idaho National Guard Facilities.—The Committee recognizes the growing reliance on the National Guard and Reserve to support ongoing peace keeping operations such as those contingents in Kosovo and Bosnia. The Committee also recognizes that such operations place considerable strain on the National Guard and Reserve. Military Construction plays an important role in improving operational conditions and qualityof-life. The Idaho National Guard faces a significant shortage in readiness space at its facilities at Gowen Field. shortage could impact readiness and the ability of the Idaho National Guard to effectively and efficiently prepare for deployment. The Mobilization Readiness Center modifications and additions are needed to provide space for Army Guard units currently located in World War II-era buildings or other facilities that are overcrowded and inadequate for that purpose.

The Committee urges the National Guard Bureau to place this project in the FYDP at the earliest practicable date.

ARNG Response: This project is included in the FY02 Army National Guard submission.

## House Military Construction Appropriation Bill, 2001 (H.R. 106-614), dated 1 May 2000

(Page 5) FINANCIAL MANAGEMENT/ELIMINATION OF CONTINGENCY FOR INDIVIDUAL PROJECTS- The Committee agrees that the amount requested in prior fiscal years for construction contingencies, 5 percent for new construction and 10 percent for alterations or additions, is excessive. The budget submission has eliminated all contingency funds for all military construction and family housing construction programs in fiscal year 2001 and beyond. The Committee directs the Under Secretary of Defense (Comptroller) to closely monitor the impacts of this reduction to ensure that this action will provide an incentive for the services to improve their cost estimating and monitoring procedures. It is further directed, that no project for which funds were previously appropriated, or for which funds are appropriated in this bill, may be canceled as a result of this reduction.

**ARNG Response:** The Army National Guard has not canceled any projects. Five percent contingencies are included in the FY02 budget submission, and will be included in future years.

(Page 7) JOINT USE FACILITIES- The Committee supports joint use of facilities between the various components of the Defense Joint use facilities can optimize military Department. construction and operation and maintenance funds while enhancing joint training and the total force concept. However, only the Reserve Components currently have a formal process for reviewing military construction projects for joint use potential and that process is not rigorously applied. As such, it appears opportunities for the benefits of joint use facilities may be To ensure joint use construction is considered when the Department assesses facilities needs, the Committee directs that any Form 1390/1391 which is presented as justification include a certification by the Secretary concerned that the proposed project has been considered for joint use potential, a recommendation for either joint use or unilateral construction, and the reason(s) for that recommendation if joint use is not recommended. The certification may be delegated not lower than the Assistant Secretary responsible for the project. review/certification is to be reviewed by the Under Secretary of Defense (Comptroller) during the budget review to ensure impartial review.

ARNG Response: The Army National Guard has incorporated additional joint use requirements into the DD Forms 1390/91 in accordance with current Secretary of Defense regulations.

(Page 20) ANNUAL REPORTING REQUIREMENT — BACKLOG. The Committee directs the Secretary of the Army and the Director of the Army National Guard to continue to make a joint report annually on the current backlog of facilities requirements of the Army National Guard to be submitted concurrently with the annual budget request.

**ARNG Response:** This report will be submitted to Congress in July 2001.

(Page 20) ANNUAL REPORTING REQUIREMENT—ARMORY INFRASTRUCTURE. The Secretary of the Army, the Director of the National Guard Bureau, and the Director of the Army National Guard are directed to continue to report jointly to the Committee by January 1, 2001 on the status of armory infrastructure.

**ARNG Response:** This report was submitted to Congress in January 2001.

(Page 21) FUTURE YEARS DEFENSE PLAN. It is the Committee's view that section 123 of Public Law 104-196 constitutes a continuing permanent requirement for the Army National Guard and the Air National Guard to present the Future Years Defense Plan to Congress concurrent with the President's budget submission for each fiscal year. The Committee will expect subsequent submissions of the Future Years Defense Plan to include explanatory notes justifying any modification of prior year plans.

**ARNG Response:** The administration has not addressed Fiscal Year 2003-2007 requirements in this budget submission. Therefore, the Future Years Defense Plan is not included in the President's budget submission for Fiscal Year 2002.

(PAGE 21) CALIFORNIA-RIDGECREST: READINESS CENTER. The Army National Guard is directed to complete design of the Readiness Center in Ridgecrest, California and to include the required construction funding in its fiscal year 2002 budget request.

ARNG Response: The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually

presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 21) CALIFORNIA-CAMP SAN LUIS OBISPO. The Committee directs the Army National Guard to begin planning and design of the Consolidated Dining Facility and Organizational Maintenance Shop at Camp San Luis Obispo, California, and to include the necessary funding for these facilities in the fiscal year 2002 budget submission.

ARNG Response: The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 21) CALIFORNIA-WOODLAND: READINESS CENTER. funds provided for planning and design, the Army National Guard is directed to complete design of the Readiness Center in Woodland, California and include the required construction funding in the fiscal year 2002 budget submission. ARNG Response: The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 21) CALIFORNIA-SACRAMENTO READINESS CENTER. The Army National Guard is directed to accelerate the design of the readiness center in Sacramento, California and to include the required construction funding in its fiscal year 2002 budget request.

**ARNG Response:** The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing

is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 21) IOWA-ESTHERVILLE: READINESS CENTER. The Committee directs the Army National Guard to begin planning and design of the Readiness Center at Estherville, Iowa, and to include the necessary funding for this project in the fiscal year 2002 budget submission.

**ARNG Response:** The project is 35 percent designed and is included in the FY02 program.

(Page 21) IOWA-FAIRFIELD: READINESS CENTER ADDITION. Within the additional funds provided for unspecified minor construction, the Army National Guard is directed to provide no less than \$1,066,000 for an addition to the readiness center at Fairfield, Iowa.

**ARNG Response:** This project was bid and awarded in September 2000.

(Page 21) MICHIGAN-CALUMET: READINESS CENTER ADA IMPROVEMENTS. The Committee is concerned over the lack of compliance with the Americans with Disabilities Act at the Calumet, Michigan Readiness Center. The existing armory was built in 1918 and does not have ADA accessibility. Therefore, the Army National Guard is directed to begin planning and design of these improvements, and to include the necessary funding for this project in the fiscal year 2002 budget submission.

ARNG Response: The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

(Page 22) MICHIGAN-MIDLAND: ORGANIZATIONAL MAINTENANCE SHOP. The budget proposed the construction of an organizational maintenance shop in Midland, Michigan. Due to an unexpected

unit activation in Augusta, Michigan, the Army National Guard has requested the project be changed to that location. The activation was announced after the budget was submitted. The Committee has recommended the location change. The original project cost of \$3,600,000 remains the same.

**ARNG Response:** The State has been authorized to proceed with design. Once National Guard Bureau has approved the final design, the State will be granted the authority to bid the project.

(Page 22) MINNESOTA-CAMP RIPLEY: COMBINED SUPPORT MAINTENANCE SHOP (PHASE II). Authorization in the amount of \$10,368,000 for second phase of the Combined Support Maintenance Shop at Camp Ripley in Minnesota is contained in the National Defense Authorization Act for 2000 (Public Law 106-65).

ARNG Response: The Project was awarded in April 2001.

## Military Construction Appropriation Conference Report, 2001 (H.R. 106-710), dated 29 June 2000.

(Page 85) Financial Management.—The conferees agree that the rescission of funds included in the conference agreement are based on large prior year unobligated balances and such factors as savings through favorable bids, reduced overhead costs, downsizing or cancellation due to force structure changes (if any), other administrative cost reduction initiatives, revised economic assumptions, and inflation re-estimates. The conferees direct that no project for which funds were previously appropriated, or for which funds are appropriated in this bill, may be canceled as a result of the reductions included in the conference agreement.

ARNG Response: ARNG will not cancel any projects as a result of the reductions.

(Page 90) California-Bakersfield: Readiness Center.—Of the additional funding provided for planning and design, the conferees direct that not less than \$500,000 be made available for the design of this facility.

ARNG Response: The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted.

(Page 90) California-Los Alamitos: Joint Headquarters Building.—House Report 106-614 included language directing the Army Reserve to accelerate the design of this facility and include the required construction funding in its fiscal year

2002 budget request. The Army National Guard should be the lead proponent for the facility. Therefore, the conferees direct the Army National Guard to accelerate the design of the Joint Headquarters Building in Los Alamitos, California and to include the required construction funding in its fiscal year 2002 budget request.

ARNG Response: The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

- (Page 90) California-National Guard Facilities.—The Army National Guard requested nine location changes to the budget submission for the state of California. The changes will provide a more centralized vehicle maintenance management system. After design of the budgeted projects began, the Army National Guard realized the existing locations were unsuitable and further facility investment would prove unwise. Accordingly, the conferees recommend the following location changes:
- (1) The project titles budgeted for Bakersfield, Escondido, Richmond, San Jose, San Mateo, and Santa Barbara are moved to Camp Parks.
- (2) The project titles budgeted for Colton, Fresno, and Los Alamitos are moved to Fresno.

ARNG Response: The changes have been completed.

(Page 91) Iowa-Fairfield: Readiness Center Addition.—Within the additional funds provided for unspecified minor construction, the conferees direct the Army National Guard to provide not less than \$1,066,000 for an addition to the readiness center at Fairfield, Iowa.

**ARNG Response:** This project was bid and awarded in September 2000.

(Page 91) Missouri-Fort Leonard Wood: Army Aviation Support Center.—In the Senate report 106-290, the Army Aviation Support Center at Fort Leonard Wood was incorrectly identified as an unspecified minor construction project. This project should be executed with funds made available for planning and design.

ARNG Response: The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority

will be granted. House Report 106-710 clarified that Planning and Design funds should be used.

(Page 91) Nevada—Carson City: Readiness Center.—The conferees are concerned that the cost of the Readiness Center in Carson City, Nevada has increased due to changes in criteria directed by the National Guard Bureau. Funding for this project was appropriated in fiscal year 1999. The conferees direct the National Guard Bureau to ensure that adequate additional funding is provided to the Nevada National Guard to complete this project.

ARNG Response: The Army National Guard will provide all necessary funds to ensure a complete and useable facility within criteria.

(Page 91) Oregon-Eugene: Armed Forces Reserve Center Complex.—
The number one priority for the Oregon National Guard is to replace a 66-year-old facility in Eugene which is considered undersized by Naval Reserve/Marine Corps standards. The buildings have deteriorated extensively and are substandard with respect to size and level of serviceability of the building. The consolidation will provide savings of about \$1,400,000 in direct construction costs and will reduce the operations and maintenance burden by at least 20 percent annually. The conferees encourage the National Guard to complete the design and to include this project in its fiscal year 2002 budget request.

ARNG Response: The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to complete this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

## National Defense Authorization Act for Fiscal Year 2001, (S.R. 106-292), dated May 12, 2000

(Page 409) Joint use military construction projects (sec. 2801) The committee recommends a provision that would express the sense of Congress that the Secretary of Defense, when preparing the fiscal year defense budget request, should identify military construction projects suitable for joint use, specify in the budget request joint use military construction projects, and give priority to joint use military construction projects. The provision would also direct the Secretary to include in the budget request a certification by each secretary concerned that

the service screened each construction project in the budget request for the feasibility for joint use. The provision would further require the Secretary of Defense to submit, not later than September 30 of each year, a report that included the number of military construction projects evaluated for joint use construction, when the project could be executed, and a list of the military construction projects determined to be feasible for joint use. The provision would also make certain conforming changes.

**ARNG Response:** The Army National Guard has incorporated additional joint use requirements into the 1390/91 in accordance with current OSD regulations.

(Page 405) Support for Weapons of Mass Destruction Civil Support Teams-The committee included \$25.0 million in the authorization of appropriation for the Army National Guard military construction account for the specific purpose of facilitating the activation of the Weapons of Mass Destruction Civil Support Teams. Although these teams are to be assigned to locations that have the facilities to accommodate their needs, the committee understands that the Army National Guard has identified a requirement of approximately \$31.0 million for renovation of the facilities to accommodate these teams. committee is aware that the military construction program for the reserve components is under funded and that this requirement would place an additional burden on an already constrained Army National Guard military construction program. The committee recommends this additional funding be provided on a one time basis and directs the Secretary of the Army to provide a report on the expenditure of these funds not later than October 1, 2001.

**ARNG Response:** A report of the distribution of Weapons of Mass Destruction funds will be provided to Congress prior to 1 October 2001.

1. COMPONENT	FY 2002 GUARD AND RESERVE	2. DATE				
ARNG	MILITARY CONSTRUCTION	Jun 01				
3. INSTALLATION A HUNT	ND LOCATION TSVILLE, ALABAMA	4.AREA CONSTR COST INDEX 0.85				
5. FREQUENCY AN	D TYPE OF UTILIZATION					
	ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAININ HREE TIMES PER MONTH.	G ASSEMBLY				
6. OTHER ACTIVE/0	GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG H	IUNTSVILLE2 MILESREADINESS CENTER22,293IUNTSVILLE5 MILESREADINESS CENTER40,350THENS30 MILESREADINESS CENTER23,533	SF 1971				
7. PROJECTS REQUESTED IN THE PROJECTS REQUESTS REQUESTED IN THE PROJECTS REQUESTS RE	COST DESIGN S  PROJECT TITLE SCOPE (\$000) START  UNIT TRAINING 3,080 SM 7,498 Nov-98  EQUIPMENT SITE 33,239 SF  (UTES)	STATUS <u>COMPLETE</u> <b>Jan-01</b>				
FACILITIES JOINT SEF FOR POSS	E FORCES FACILITIES BOARD RECOMMENDATION SIDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE RVICE RESERVE COMPONENTS FACILITIES BOARD SIBLE JOINT USE/EXPANSION. THE BOARD ENDATIONS ARE UNILATERAL CONSTRUCTION.	<b>22 JUN 00</b> Date				
9. LAND ACQUISITION	ON Required					
NONE	_	(Number of acres)				
	NNED IN NEXT FOUR YEARS	(Number of acres)				
NONE						
RPM BACKLO	RPM BACKLOG (\$000): \$0					
	IRVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CO OSED PROJECT AT THE ESTIMATED COST INDICATED."	NSTRUCTION OF				

1.COMPONENT	F		ARD AND RES		2. DATE
ARNG		MILITARY	CONSTRUCT	ΓΙΟΝ	Jun 01
3. INSTALLATION AND HUNTS	LOCATION VILLE, ALABAMA				
11. PERSONNEL STRE	ENGTH AS OF: 01 DEC	99			
	PERM	ANENT		GUARE	)/RESERVE
<u>T(</u>	·	ENLISTED	CIVILIAN		FICER ENLISTED
AUTHORIZED	34 0	0	34		50 469
ACTUAL	15 0	0	15 Percent	<u></u>	40 335
12. RESERVE UNIT DA	ATA				
	LINIT DECIONAT	TON		STRENGTH	
	<u>UNIT DESIGNAT</u>	<u>ION</u>		<u>AUTHORIZED</u> <u>AC</u>	TUAL
i i				159	25
BATTERY A 1/20 UIC: WTVGAO MTOE: 44635LN0		ADA)		85	65
BATTERY B 1/20 UIC : WTVGB0 MTOE: 44635LN0		ADA)		85	70
UIC: WTVGC0		DA)		85	43
MTOE: 44635LN	J01		SUBTOTAL	414	303
13. MAJOR EQUIPMEN	IT AND AIRCRAFT				
	ILERS & EQUIP < FEET & TRACKS HET			210 65 40 0 9	168 52 32 0 8 260
* Remaining Vehi	icles Located at Ar	mories			
14. OUTSTANDING PC	DLLUTION AND SAFETY [	DEFICIENCIES: (\$	\$000)		
	LLUTION POLLUTION PATIONAL SAFET	Y AND HEA	LTH	NONE NONE NONE	

1.COMPONENT	RVE	2. DATE		
ARNG	MILI	TARY CONSTRUCTIO	N	Jun 01
3. INSTALLATION A HUN	ND LOCATION TSVILLE, ALABAMA			
12. SUPPLEMENTAL	DATA:			
	UNIT DESIGNATION		STRENGTH  AUTHORIZED A	CTUAL
	TENANCE COMPANY A TPSN: 31163 .NG01		84	56
1117TH ORDN UIC: WTXHAA MTOE: 09529L	TPSN: 33900		21	16
		SUBTOTAL	105	72
		TOTAL	519	375

<del></del>									
1.COMPONENT		FY 2002 GUARD	AND RESERV	/E				2. DA	TE
ARNG		MILITARY CON	STRUCTION					Ju	n 01
3. INSTALLATION AND					4. PRO				
HUNTS	SVILLE,	ALABAMA					TRAIN		
			_			EQU	<u>IPMEN</u>	I SH	E
5. PROGRAM ELEME	NT	6. CATEGORY CODE	7. PROJECT N	UMBER	3	8. PR	OJECT C	OST (\$	(000)
0505896A		21407	010166				7	498	
000000071		= : : • :	ESTIMATES				٠,	700	
				11/24		ITIT) (	LINUT	007	COST
		ITEM		U/M	QUAN	IIIIY	UNIT C	OST	(\$000)
PRIMARY FACILIT	Υ			0.4	_ ا			0.50	3,118
UTES BUILDING				SM	2	2,828 30,439		053 \$97.84	(2,978)
CONTROLLED W	ASTE FA	CILITY		SM		27		556	(15)
UNHEATED META	AL STOR	AGE BLDG		SM		<sup>300</sup> 225		\$50.00 <b>556</b>	(125)
0110000000000000				SF		2,500		\$50.00	` ′
SUPPORTING FAC		IG, SEEDING & PLANTING		LS		-0-		-0-	<b>3,883</b> (712)
RIGID & FLEXIBLE		,		LS		-0-		-0-	(1,870)
,	,	WASH PLATFORMS		LS		-0-		-0-	(221)
,		CRANE/LIFT & WORKBENCHES		LS		-0-		-0-	(470)
		IRE PROTECTION & FAC SIGN ONVERTERS & TELECOMM		LS		-0- -0-		-0- -0-	(110) (430)
,	,			LS		-0-		-0-	(70)
ANTI-TERRORISM/FORCE PROTECTION (1) SUBTOTAL					ŭ			7,001	
CONTINGENCY (5%)									350
TOTAL PROJECT COST								7,351	
SUPERVISION, INSPECTION & OVERHEAD (2%)									147
TOTAL REQUEST									7,498
EQUIP PROVIDED	FROM C	OTHER APPR (NON-ADD)							(120)

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

A maintenance facility with eleven organizational maintenance workbays, six supporting workbays, four direct support workbays (30 ft. high PATRIOT) one inside wash bay; administrative and personnel work areas. Masonry block with brick veneer, concrete floors, masonry block partitions with a metal standing seam or built-up roofing system. Supporting facilities and items include generator and air conditioning equipment workbays, inside lube and inspection/wash bay, crane and vehicle lifting device, frequency converters (150kw/60/400Hz), military, privately-owned and customer vehicle parking, fencing, wash platforms, fuel storage and dispensing system, load ramp, control waste handling facility, sidewalks and outside security lighting. Other outside support items include unheated metal storage, access roads, site preparation, fine grading and seeding, plating, rigid and flexible paving, telecommunications and utility connections, fire protection, detached facility sign and anti-terrorism/force protection measures.

AIR CONDITIONING - 10 Tons

#### 11. REQUIREMENT: 3,080 SM 33,239 SF ADEQUATE: N/A SUBSTANDARD: N/A

PROJECT: A new maintenance facility of 33,239 sq. ft. to provide adequate organizational and direct support maintenance for the 1st 203d ADA (PATRIOT) Missile Battalion equipment and vehicles supported by this maintenance shop. Construction is on the Alabama ARNG Training Site located at Redstone Arsenal; Huntsville, AL on 80 acres of property licensed to the state. (New Mission)

REQUIREMENT: This facility will be utilized to support equipment maintenance for the 1/203d Air Defense Artillery (PATRIOT) Missile Battalion, and supporting units, 2117th Maintenance Company and 1117th Ordnance Team, in both Inactive Duty Training (IDT) and Annual Training (AT). The existing Unit Training Equipment Site, UTES, is a converted OMS located in Athens, AL, originally built in 1975.

Training Equipment Site, UTES, is a converted OMS located in Athens, AL, originally built in 1975, upgraded in 1986, with only 4,561 SF of functional space. The present shop is not collocated with the equipment, which is located at the AL-ARNG Redstone Arsenal Training Site approximately 30 miles away. The old OMS shop is inadequate to support the quantity and type vehicles currently assigned to the UTES. Workbays do not have the required height or size to support the PATRIOT missile system vehicles. Administration areas, tool rooms, parts supply and storage space are critically deficient.

1.COMPONENT	FY 2002 GUARD AND RESERVE	2. DATE					
ARNG	MILITARY CONSTRUCTION	Jun 01					
3. INSTALLATION A	ND LOCATION						
HUI	HUNTSVILLE, ALABAMA						
4. PROJECT TITLE	UNIT TRAINING AND EQUIPMENT SITE	4. PROJECT NUMBER					
		010166					

11. REQUIREMENTS (continued)

CURRENT SITUATION: The personnel that will be working in this new facility are currently working in an overcrowded and substandard maintenance shop. The existing shop, built in 1975 and located in Athens, AL, is extremely outdated. The existing facility was an old OMS converted to a UTES during a mission change, thus creating an increase in equipment and maintenance requirements. This mission change created a severe shortage of functional space. Renovating the existing building is not economical due to its condition. The existing facility would require a complete alteration and repair. This would be more costly since all of the offices, tool room, supply, storage space and 20 ft. by 40 ft. workbays are too small and deteriorating. The facility do not support the missile systems which require 32 ft by 32 ft workbays. The PATRIOT Equipment Park at Redstone Arsenal is 30 miles away and maintenance personnel working at the shop have to make daily trips to the Training Site to repair and maintain the equipment, reducing their direct labor productive time by almost two hours per day.

<u>IMPACT IF NOT PROVIDED:</u> The present facility's deficiencies will continue to negatively impact troop morale and work efficiency. The lack of proper and adequate maintenance, training, storage and administrative areas will continue to impair the attainment of the units' required mobilization readiness levels. Shop personnel will continue making daily trips of 30 miles, one way, to the equipment park and training site.

ADDITIONAL: This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. Force Protection is incorporated into the entire site, therefore expenditures for this specific project are not required. Project complies with scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1998 and Design Guide 415-1 dated 1 Jan 2000. Similar DoD standards do not address current criteria incorporated in the (project type) design and thus do not yield accurate cost estimates. State historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting requirement have been explored during project development. This project is the only feasible option to meet the requirement.

<u>JOINT USE CERTIFICATION</u>: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: LTC GIL DUDLEY (334) 271-7207 CFMO: COL JOHN B. LYDA (334) 271-7278

1.COMPO	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE		
ARN	NG	WILLITARY CONSTRUCTION				Jun 01	
3. INSTAL	3. INSTALLATION AND LOCATION HUNTSVILLE, ALABAMA						
4. PROJE	CT TITLE		EQUIDMENT SITE		5. PROJECT	NUMBER	
	UNIT TRAINING AND EQUIPMENT SITE  010166						
12. SUPPL	EMENT	AL DATA:					
a. EST	IMATE	ED DESIGN DATA:					
(1)	(b) (c) (d) (d) (e) (f)	DATE DESIGN STARTE PERCENT COMPLETE A DATE DESIGN EXPECT DATE DESIGN COMPLE PARAMETRIC COSTS U AN ENERGY STUDY AN	AS OF 1 JANUARY 2001 ED TO BE 35% COMPLE <sup>-</sup>	TS ALYSIS	10 De	v-98 0% c-99 n-01	
(2)	` '	STANDARD OR DEFINIT	FIVE DESIGN Y MOST RECENTLY USED	ES	NO	X N/A	
(3)	(a) (b) (c) (d)	AL COST (c) = (d) + (b): PRODUCTION OF PLAN ALL OTHER DESIGN CO TOTAL CONTRACT (8% X 7001) IN-HOUSE		5	(42 (21 (63 (63	000) (0.1) (0.0) (0.0) (0.1) (0.1)	
(4)	CON	ISTRUCTION START			Jar	า-02	
(5)	CON	NSTRUCTION COMPLET	ION DATE			r-03 AND YEAR)	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:							
	UIPMEN <sup>®</sup>		PROCURING APPROPRIATION	FISCAL Y APPROPRI OR REQUE	IATED	COST (\$000)	
J-SIID TELE(	COM	<b>-</b> o	OMNG OMNG	FY 02 FY 02	=	10 25	
FURN PRE-\		= & D STATIONS	OMNG	FY 02	!	85	
				ТО	TAL	120	

1. COMPONENT	FY 2002	GUAR	D AND RESE	RVE	2	. DATE
ARNG	MILIT	ARY CO	ONSTRUCTION	1		Jun 01
3. INSTALLATION A MOBILE, ALABAMA		NSNO=	01F10		4	. AREA CONSTR COST INDEX 0.84
· ·	D TYPE OF UTILIZATION ATION FIVE DAYS PER WEEK ES PER MONTH.	K, WITH A	TWO-DAY TRAININ	IG ASSEMBL	Υ	
6. OTHER ACTIVE/	GUARD/RESERVE INSTA	LLATION	IS WITHIN 15 MI	LES RADIU	S	
7. PROJECTS REQU	JESTED IN THIS PROGRA	M:				
CATEGORY				COST	· · · · · · · · · · · · · · · · · · ·	ESIGN STATUS
	PROJECT TITLE	_	SCOPE	(\$000)		START CMPL
17180	READINESS CENTER, ADD/ALT	•	3 SM	5,333	(	Oct 99 Sep 01
	NODINET	72,69	2 SF			
	ESERVE FORCES FACILI					
	IN ITEM #6 HAVE BEEN EXAI JOINT USE/EXPANSION. TH					S
CONSTRUCTION	JOHN JOE/EXI /HVOION: 111	IL DOMND	TEOO!!!!!EIND/TIC	AND AIRE OIN	LATEIVAL	
						0
						(Date)
9. LAND ACQUISITI	ON REQUIRED					(2 dec)
NONE	v					0
						(Number of acres)
10. PROJECTS PLAN	NNED IN NEXT FOUR YEA	ARS				
CATEGORY						COST
<u>CODE</u>	PROJECT TITLE				<u>SCOPE</u>	<u>\$(000)</u>
NONE						
RPM BACKLOG (\$00	00): 0					
= 1 .3 . 1 = 3 3 (\$400	,					
A SITE SURVEY HAS	NOT BEEN COMPLETED AND	D IT IS UNI	KNOWN AT THIS TI	ME WHETHE	R OR NOT	THE SITE IS
SUITABLE FOR CONS	TRUCTION OF HTE PROPOS	SED PROJI	ECT AT THE ESTIM	ATED COST	INDICATED	
Ì						

1. COMPONENT ARNG   MILITARY CONSTRUCTION   Jun 01    3. INSTALLATION AND LOCATION   MOBILE, ALABAMA   INSNO= 01F10    11. PERSONNEL STRENGTH AS OF PERMANENT   GUARD/RESERVE      10TAL   OFFICER   ENLISTED   CIVILIAN   TOTAL   OFFICER   ENLISTED
3. INSTALLATION AND LOCATION   MOBILE, ALABAMA   INSNO= 01F10
MOBILE, ALBAMA
TOTAL   OFFICER   SULISTED   CIVILIAN   TOTAL   OFFICER   SULISTED   SULIST
TOTAL   OFFICER   ENLISTED   CIVILIAN   AUTHORIZED   38   6   32   0   428   72   356   329   402   63   339   402   63   339   402   63   339   402   63   339   402   63   339   402   63   339   402   63   63   63   63   63   63   63   6
AUTHORIZED 38 6 32 0 428 72 356 ACTUAL 16 5 11 0 Percentage = 93.9%  12. RESERVE UNIT DATE  UNIT DESIGNATION  690th CHEMICAL COMPANY UIC: WPVMAA TSPN: 30302 MTOE/TDA: 03467LNG02  HHC 226th THEATER AR SPT GROUP UIC: WTAQAA TSPN: 32447 MTOE/TDA: 63622LNG01  161st MEDICAL BATTALION UIC: WQB1AA TSPN: 32752 MTOE/TDA: 08455LNG02  SUB-TOTAL = 428 402
ACTUAL 16 5 11 0
12. RESERVE UNIT DATE
12. RESERVE UNIT DATE   STRENCTH   AUTHORIZED   ACTUAL
STRENGTH   AUTHORIZED   ACTUAL
690th CHEMICAL COMPANY ADRS 136 136 *  UIC: WPVMAA TSPN: 30302 MTOE/TDA: 03467LNG02  HHC 226th THEATER AR SPT GROUP UIC: WTAQAA TSPN: 32447 MTOE/TDA: 63622LNG01  161st MEDICAL BATTALION UIC: WQB1AA TSPN: 32752 MTOE/TDA: 08455LNG02  SUB-TOTAL = 428 402
UIC: WPVMAA TSPN: 30302 MTOE/TDA: 03467LNG02  HHC 226th THEATER AR SPT GROUP
HHC 226th THEATER AR SPT GROUP  UIC: WTAQAA TSPN: 32447 MTOE/TDA: 63622LNG01  161st MEDICAL BATTALION  UIC: WQB1AA TSPN: 32752 MTOE/TDA: 08455LNG02  SUB-TOTAL = 428 402
UIC: WTAQAA TSPN: 32447 MTOE/TDA: 63622LNG01  161st MEDICAL BATTALION 139 131 * UIC: WQB1AA TSPN: 32752 MTOE/TDA: 08455LNG02  SUB-TOTAL = 428 402
161st MEDICAL BATTALION UIC: WQB1AA TSPN: 32752 MTOE/TDA: 08455LNG02  SUB-TOTAL = 428 402
UIC: WQB1AA TSPN: 32752 MTOE/TDA: 08455LNG02  SUB-TOTAL = 428 402
SUB-TOTAL = 428 402
UNITS THAT MUST TRAIN ON SAME WEEKEND (CONTINUED)
13. MAJOR EQUIPMENT AND AIRCRAFT
TYPE AUTHORIZED ACTUAL *
WHEELED 157 157
TRAILERS 55 55
TRACKED 0 0
EQUIPMENT > 30 FT       0       0         FUEL & M977 HEMMT       7       7
FUEL & M977 HEMMT       7       7         HEMTT PLS/HET       0       0
HEINTE FLOTIET U U
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
(\$000)
A. AIR POLLUTION NONE
B. WATER POLLUTION C. OCCUPATIONAL SAFETY AND HEALTH NONE

1. COMPONENT FY 2002 MILITARY			RUCTION	2. DATE	REPORT	REPORT CONTROL	
ARNG	RNG PROJECT					MBOL	
3. INSTALLATION AND LOCATION MOBILE, ALABAMA INSNO= 01F10		4. PROJECT TITLE READINESS CENTER, ADD/ALT					
5. PROGRAM ELEMENT	7. PROJEC	CT NUMBER	8. PROJECT COST (\$000)				
0505896A	010174	A	\$5,333				
9. COST ESTIMATES							
IT	EM	U/M	QUANTITY	UNIT COST	COST	(\$000)	
PRIMARY FACILITY READINESS CENTER (NEW CONSTREADINESS CENTER (ALTERATION FLAMMABLE MATS STORAGE (NITTE AND ADDRESS CENTER (ALTERATION FLAMMABLE MATS STORAGE (ALTERATION FLAMMABLE MATS STORAGE (ALTERATION FLAMMABLE MATS STORAGE (ALTERATION FLAMMABLE MATS STORAGE (ALTERATION FLAMMABLE MASTE FACILITY (CONTROLLED WASTE FACILITY (CONTROLLED FACILITY (CONTROLLED FACILITY SIGN OUTSIDE SECURITY LIGHT)  UTIL'S:WATER/SEWER/GASFORCE PROTECTION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST	ON) EW CONST) TERATION) NEW CONST) ALTERATION) (NEW CONSTRUCTION) (ALTERATION)  ON NG	SM SF SM	3,206 34,512 2,841 30,580 23 250 0 669 7,200 0 14 150 0 29 35 13 15 4 14 0 4	1,076 100 538 50 775 70 0 30 431 40 0 30 789 70 0 30 50,000 50,000 50,000 14,899 12,455 15,788 13,184 4,687 1,426 18,837 1,800 0 0 75,000 0 60,000 10,000	. (r	(3,451) (1,529) (18) (0) (288) (0) (211) (0) (20) (1,267 (50) (25) (0) (436) (198) (20) (7) (0) (0) (75) (60) (10) (6,584) (329) (6,913)	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

TOTAL STATE CONTRIBUTION

TOTAL FEDERAL CONTRIBUTION

A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A one-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.

Air Conditioning - 81.7867 TONS

(1,778)

(5,333)

1. COMPONENT ARNG	FY 2002 MILITARY PROJECT DATA	2. DATE Jun 01	REPORT CONTROL SYMBOL		
3. INSTALLATION AND LOCATION MOBILE, ALABAMA	INSNO= 01F10	4. PROJECT TITLE READINESS CENTER, AD	t, ADD/ALT		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$0	000)	
0505896A	17180	010174A	5,333		
11. REQUIREMENT: 7.200	SM 77.504 SF ADEQUATE:	NA SM SF SUBSTA	NDARD: 3.288	SM 35,392 SF	

PROJECT: This project provides a readiness center, of permanent type construction, to serve the peace time missions of the assigned unit and space for all personnel to perform the necessary tasks that will improve the units readiness posture. (Current Mission)

REQUIREMENT: This facility is required to house all elements of the HHD 122nd Chemical Brigade. This unit

CURRENT SITUATION: The HHD 122nd Chemical Brigade is located in an inadequate facility. This facility is 22 years old and is in need of modification for the change in mission of the unit.

IMPACT IF NOT PROVIDED: The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.

ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 July 2000 and Design Guide 415-1 dated 1 November 1999. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: LTC GIL DUDLEY (334) 271-7207 CFMO: COL JOHN B. LYDA (334) 271-7278

1. COMPONENT		FY 2002 MILITARY CONSTRUCTION			2. DATE	REPORT CONTROL SYMBOL		
ARNO	à	PROJECT DATA (Continuation)			Jun 01			
	LLATION AND LOCATION			4. PROJECT TITLE	•			
MOBI	LE, ALABAMA	INSNO =	01F10	READINESS CENTER, A	DD/ALT			
5. PROC	GRAM ELEMENT	6. CATEGORY CO	ODE	7. PROJECT NUMBER	8. PROJECT COST (	\$000)		
05058	96A	17180		010174A	5,333			
	PLEMENTAL DATA	- A-T-A						
	TIMATED DESIGN I	JATA:						
(1) (a)	STATUS:	TARTED			Oct-99			
(a) (b)				2001				
(c)				PLETE				
(d)	DATE DESIGN EX	XPECTED TO	BE 100% COM	ИPLETE	Sep-01	•		
(e)	PARAMETRIC CO	NO	-					
(f)	TYPE OF DESIGN	<u>Design-Bid-Bu</u>	<u>ild</u>					
(a)	AN ENERGY STU	IDY AND LIFE	CYCLE COST	ANAI YSIS				
(Ο)	LL BE DOCUMENT				_			
(0)	D A O I O				_			
(2) BASIS: (a) STANDARD OR DEFINITIVE DESIGN YES NO X								
(a) STANDARD OR DETINITIVE DESIGN TES NO X								
(3)	TOTAL DESIGN	COST (c)=(a)-	+(b) or (d)+(e)	(\$000)				
(a)	PRODUCTION OF	F PLANS AND	SPECIFICATI	ONS	(579.1)			
(b)	ALL OTHER DES	IGN COSTS			•			
(c)					-			
(d)				-				
(e)			, ,	-				
		) SPECS		-				
(4)	CONSTRUCTIO	N CONTRACT	r award dat	E	08/02	<u>-</u>		
(5)	5) CONSTRUCTION START				11/02	-		
(6)	CONSTRUCTIO		12/03	<del>-</del>				
	UIPMENT ASSOCI		THIS PROJECT	WHICH WILL BE PRO	VIDED FROM			
	I HER APPROPRIA	HONS		FISCAL YEAR				
Е	QUIPMENT		PROCURING	APPROPRIATION	COST			
			<u>APPROPRIATION</u>	OR REQUESTED	<u>(\$000)</u>			
	CHEN EQUIPMENT		OMNG	FY02	20			
FUF	RNITURE		OMNG	FY02	10			
				TOTAL	30			

1. COMPONENT	EV 2002	CHARD	AND DECE	-DVE		2. DATE	
ARNG			AND RESE			Jun 01	
711110	MILITA	ARY CON	NSTRUCTION	ON		our or	
3. INSTALLATION A	ND LOCATION						
3. INSTALLATION A	IND LOCATION				I .	4.AREA CONSTR COST INDEX	
WESTERNAR	INC AVAIATION TRAINING SITE	(\A\A\TC\ C	NIVEDBELL ALL	D MADANA A		0.98	
WESTERN AR	ING AV <mark>IATION TRAINING SITE</mark>	(WAA13), S	DILVERDELL AN	P, IVIARAINA, A	_	0.96	
	D TYPE OF UTILIZATION	A CH IEW E	IVE (5) DANG	DED WEEK		TWEEKEND	a
FULL - I IME	E NATIONAL TRAINING F	ACILITY F	IVE (5) DAYS	PER WEEK	AND SOME	E WEEKEND	5.
	GUARD/RESERVE INSTALLATIONS	WITHIN 15 MIL					
	AVIS MOTHAN AFB		35 MILES	A DMODV	04 440 05	4000	
	SILVERBELL		0 MILES	ARMORY			
	SILVERBELL		0 MILES	AASF	55,222 SF	1995	
	UCSON AIR NATIONAL (	JUARD		4 D140 D)/	10.045.05	- 4054	
ARNG S	SILVERLAKE ARMORY		35 MILES	ARMORY	19,815 SF	1954	
7. PROJECTS REC	UESTED IN THIS PROGRAM						
CATEGOR				COST		DESIGN STATU	
CODE	PROJECT TITLE	<u>SCOPE</u>		<u>\$(000)</u>	STAF	<u> </u>	<u>COMPLETE</u>
21110	ARMY AVIATION	11,192	2 SM	14,358	Aug-01	I	Mar-02
	SUPPORT FACILITY	120,469	9 SF				
8. STATE RESERV	E FORCES FACILITIES BOARD REC	OMMENDATIO	N				
FACILITIES IDEN	TIFIED IN ITEM #6 HAVE BEE	N EXAMINED	BY THE STAT	E RESERVE			
FORCES FACILI	TIES BOARD FOR POSSIBLE	JOINT USE/E	XPANSION. TH	HE BOARD		<u>19 APR 00</u>	
RECOMMENDAT	TIONS ARE UNILATERAL CON	STRUCTION				Date	
9. LAND AQUISITIC	N REQUIRED					0	
NONE						0	,
						(Number of acres	3)
10. PROJECTS PLA	ANNED IN NEXT FOUR YEARS						
RPM BACKL	OG (\$000): \$0						
"A SITE SUR	VEY HAS BEEN COMPLET	TED AND T	HE SITE IS SI	UITABLE FO	R CONSTR	UCTION OF	
	SED PROJECT AT THE EST					22101.01	
1112 1 101 00			JOI II IDICA				

**DD** FORM 1390s1

	1									
1. COMPONENT  ARNG			002 GUARI LITARY CO				2.	DATE	Jun (	01
3. INSTALLATION A	ND LOCATION	ON								
	W	ESTERN ARNG	AVIATION TRA	INING SITE	(WAATS), SI	LVERBELL	AHP, MAI	RANA, A	Z	
11. PERSONNEL S	TRENGTH A	S OF: 30 JUN 00								_
		PERMAN				·	JARD/RE			
AUTHORIZED	<u>TOTAL</u> 183	<u>OFFICER</u> 52	ENLISTED 131			<u>TOTAL</u> 183	<u>OFFICI</u> 52	<u>=R</u>	ENLISTED 131	
ACTUAL	145	52 41	104	0 0		145	52 41		104	
ACTOAL	145	41	104		ercentage =	_	41		104	
12. RESERVE UNI	T DATA									
							STRE	NGTH		
	<u>U</u>	NIT DESIGNATION	<u>NO</u>		<u>/</u>	AUTHORIZE	<u>D</u>		<u>ACTUAL</u>	
WESTERN AR	RNG AVIA	ATION TRAINI	NG SITE			183			145	
UIC: 7VOAA	٠	TPSN:	MTOE:							
				TOT	Δ1	183			145	
13. MAJOR EQUIPI	MENT AND A	AIRCRAFT		101	AL .	100			140	
	<u>TYPE</u>			<u>.</u>	AUTHORIZE	<u>D</u>	ASSIGN			
WHEELED TRAILERS					6 2			6 2		
TRACKED					0			0		
EQUIPMENT > FUEL & M977 h					0 4			0 4		
HEMTT PLS/HE					0			0		
UV-18					0			0		
U-21 C-12 D/F/R					0			0 0		
C-12 J					0			0		
C-23					0			0		
C-26 OH-58 A/C					0 16			0 16		
OH-58 D					32			32		
UH-1 AH-1					0 20			0 20		
AH-64					16			16		
UH-60 CH-47					2			2		
14. OUTSTANDING	POLLUTION	N AND SAFETY DEF	ICIENCIES:							
A. AIR POLLU	TION				( <u>\$000)</u> NONE					
B. WATER PO		ETY AND HEALT	TH .		NONE NONE					

1. COMPONENT ARNG FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

Jun 01

3. INSTALLATION AND LOCATION

WAATS SITE, SILVERBELL AHP, MARANA, AZ

4. PROJECT TITLE ARMY AVIATION

SUPPORT FACILITY

5. PROGRAM ELEMENT 0505896A

6. CATEGORY 21110

7. PROJECT NUMBER 040156

8. PROJECT COST (\$000) 14,358

9. COST ESTIMATES

TITEM	3. 333. E0.1111.112				
Hangar, Operations & Maintenance	ITEM	U/M	QUANTITY	UNIT COST	
Hangar, Operations & Maintenance	PRIMARY FACILITY				12.218
Ground Support Equipment Storage					
Flammable Storage Building	Ground Support Equipment Storage	_	1		(0)
SF   384   50   100			0		
Controlled Waste Handling Facility	Flammable Storage Building				(18)
Unheated Aircraft Storage Facility	Controlled Waste Handling Facility	_	_	-	(40)
Force Protection Energy Management Control System Crash Rescue SM 349 0 (0) SUPPORTING FACILITIES SITE PREPARATION FINE GRADING & SEEDING FLANTING RIGID PAVING SF 3,794 150  1,195 SITE PREPARATION FINE GRADING & SEEDING FLANTING LS (0) RIGID PAVING SM 10,944 42 (458) FLEXIBLE PAVING SM 6,859 30 (205) FENCING SM 6,859 30 (205) FENCING SM 6,859 30 (205) FENCING SM 167,22 42 (7) SIDEWALKS SM 167,22 42 (7) SF 1,000 14  ST 1,0			l 0	0	
Energy Management Control System		SF	0	50	(-)
Crash Rescue   SM   349   0   (0)		_			
SUPPORTING FACILITIES   1,195   1,19	,	_			
SUPPORTING FACILITIES   SITE PREPARATION	Crash Rescue				(0)
SITE PREPARATION	CURRORTING EACH ITIES	SF	3,754	150	4 405
FINE GRADING & SEEDING   LS		10	_	_	
PLANTING   RIGID PAVING   SM   10,944   42   (458)   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   358   13,089   13,089   13,089   13,089   13,089   13,089   13,089   13,089   13,089   13,089   14,080			[	_	, ,
RIGID PAVING   SM   10,944   42   (458)   35   13,089   35   35   13,089   35   35   14,000   14   13,089   35   35   35   35   35   35   35   3			[	_	, ,
FLEXIBLE PAVING  SM 6,859 SY 6,204 25 FENCING  M 305 LF 1,000 14 SIDEWALKS  SM 167.22 42 (7) CURBING  M 305 H6 (5) FUEL STOR. & DISP. SYSTEM LS (0) AIRCRAFT WASH FACILITY LS (10) AIRCRAFT WASH FACILITY LS (10) AIRFIELD LIGHTING LS (120) AIRFIELD LIGHTING LS (120) AIRFIELD LIGHTING LS (10) EXTERIOR SECURITY LIGHTING LS (20) EXTERIOR SECURIT		_	10 944	12	
FENCING SY 8,204 25  M 305 46 (14)  SIDEWALKS SM 167.22 42 (7)  CURBING M 305 16 (5)  FUEL STOR. & DISP. SYSTEM LS - (0)  AIRCRAFT WASH FACILITY LIGHTING LS - (0)  EXTERIOR FIRE PREVENTION LS - (20)  EXTERIOR SECURITY LIGHTING LS (70)  WATER/SEWER/GAS/ELECTRIC FORCE PROTECTION  SUBTOTAL  CONTINGENCY (5%)  SUBTOTAL  SY 8,204 25  M 305 46 (14)  16,000  14  CONTINGENCY (5%)  SUBTOTAL  SUPERVISION, INSPECTION & OVERHEAD (2%)  TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)	NODIAVINO				(430)
FENCING SY 8,204 25	FLEXIBLE PAVING	SM	6,859	30	(205)
SIDEWALKS  SM 167.22 42 (7)  CURBING  M 305 16 (5)  FUEL STOR. & DISP. SYSTEM  AIRCRAFT WASH FACILITY  TIE DOWN UPGRADE  AIRFIELD LIGHTING  LOADING DOCK  EXTERIOR FIRE PREVENTION  EXTERIOR SECURITY LIGHTING  WATER/SEWER/GAS/ELECTRIC  FORCE PROTECTION  SUBTOTAL  CONTINGENCY (5%)  SUBTOTAL  SUPERVISION, INSPECTION & OVERHEAD (2%)  TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)					
SIDEWALKS	FENCING			-	(14)
CURBING    SF   1,800   4	SIDEMVIKS				(7)
CURBING       M       305       16       (5)         FUEL STOR. & DISP. SYSTEM       LS       -       -       (0)         AIRCRAFT WASH FACILITY       LS       -       -       (0)         TIE DOWN UPGRADE       LS       -       -       (120)         AIRFIELD LIGHTING       LS       -       -       (120)         AIRFIELD LIGHTING       LS       -       -       (10)         EXTERIOR FIRE PREVENTION       LS       -       -       (20)         EXTERIOR SECURITY LIGHTING       LS       -       -       (20)         WATER/SEWER/GAS/ELECTRIC       LS       (70)         FORCE PROTECTION       LS       (100)         SUBTOTAL       LS       13,406         CONTINGENCY (5%)       14,077         SUBETOTAL       14,077         SUBETOTAL       282         TOTAL PROJECT       14,358         TOTAL PROJECT       14,358         EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)       367	SIDEWALKS	_			(1)
FUEL STOR. & DISP. SYSTEM  AIRCRAFT WASH FACILITY  TIE DOWN UPGRADE  AIRFIELD LIGHTING  LOADING DOCK  EXTERIOR FIRE PREVENTION  EXTERIOR SECURITY LIGHTING  WATER/SEWER/GAS/ELECTRIC FORCE PROTECTION  SUBTOTAL  CONTINGENCY (5%)  SUBTOTAL  SUPERVISION, INSPECTION & OVERHEAD (2%)  TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  LS  - (0)  (120)  LS  - (120)  LS  - (120)  LS  - (100)  LS  - (20)  (100)  5  (100)  5  (100)  5  (100)  5  (100)  670  13,406  670  14,977  282  14,358	CURBING			16	(5)
AIRCRAFT WASH FACILITY TIE DOWN UPGRADE AIRFIELD LIGHTING LOADING DOCK LOADING DOCK EXTERIOR FIRE PREVENTION EXTERIOR SECURITY LIGHTING WATER/SEWER/GAS/ELECTRIC FORCE PROTECTION SUBTOTAL CONTINGENCY (5%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (2%) TOTAL PROJECT EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  LS (120) LS (100) LS (20) EX			1,000	5	
TIE DOWN UPGRADE       LS       -       -       (120)         AIRFIELD LIGHTING       LS       -       -       (0)         LOADING DOCK       LS       -       -       (10)         EXTERIOR FIRE PREVENTION       LS       -       -       (20)         EXTERIOR SECURITY LIGHTING       LS       (70)         WATER/SEWER/GAS/ELECTRIC       LS       (100)         FORCE PROTECTION       LS       (100)         FORCE PROTECTION       LS       26         SUBTOTAL       13,406       670         SUBTOTAL       14,077       14,077         SUPERVISION, INSPECTION & OVERHEAD (2%)       282         TOTAL PROJECT       14,358         EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)       367			-	-	
AIRFIELD LIGHTING LOADING DOCK EXTERIOR FIRE PREVENTION EXTERIOR SECURITY LIGHTING WATER/SEWER/GAS/ELECTRIC FORCE PROTECTION SUBTOTAL CONTINGENCY (5%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (2%) TOTAL PROJECT EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  LS - (0) LS - (10) LS - (20) EXS - (20) EXECUTE: EXS - (20) EXEMPLE: EXEM			-	-	
LOADING DOCK			-	-	
EXTERIOR FIRE PREVENTION  EXTERIOR SECURITY LIGHTING  WATER/SEWER/GAS/ELECTRIC  FORCE PROTECTION  SUBTOTAL  CONTINGENCY (5%)  SUBTOTAL  SUPERVISION, INSPECTION & OVERHEAD (2%)  TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  LS  - (20)  (100			-	=	
EXTERIOR SECURITY LIGHTING  WATER/SEWER/GAS/ELECTRIC  FORCE PROTECTION  SUBTOTAL  CONTINGENCY (5%)  SUBTOTAL  SUPERVISION, INSPECTION & OVERHEAD (2%)  TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  LS  (70)  LS  (70)  (100)  LS  (100)  (100			-	-	
WATER/SEWER/GAS/ELECTRIC       LS       (100)         FORCE PROTECTION       LS       26         SUBTOTAL       13,406       670         SUBTOTAL       670       14,077         SUPERVISION, INSPECTION & OVERHEAD (2%)       282         TOTAL PROJECT       14,358         EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)       367			-	-	
FORCE PROTECTION  SUBTOTAL  CONTINGENCY (5%)  SUBTOTAL  SUPERVISION, INSPECTION & OVERHEAD (2%)  TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  LS  26  13,406  670  14,077  282  14,358					
SUBTOTAL       13,406         CONTINGENCY (5%)       670         SUBTOTAL       14,077         SUPERVISION, INSPECTION & OVERHEAD (2%)       282         TOTAL PROJECT       14,358         EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)       367					
CONTINGENCY (5%)         670           SUBTOTAL         14,077           SUPERVISION, INSPECTION & OVERHEAD (2%)         282           TOTAL PROJECT         14,358           EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)         367		LS			
SUBTOTAL         14,077           SUPERVISION, INSPECTION & OVERHEAD (2%)         282           TOTAL PROJECT         14,358           EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)         367					
SUPERVISION, INSPECTION & OVERHEAD (2%)         282           TOTAL PROJECT         14,358           EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)         367					
TOTAL PROJECT  EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)  14,358					
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD) 367	· · · · · · · · · · · · · · · · · · ·				

<sup>10.</sup> DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed aviation facility of permanent masonry and steel construction with a standing seam metal roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, exterior lighting, fire protection, and fencing. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.

AIR CONDITIONING: 121 TONS

FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION  3. INSTALLATION AND LOCATION WESTERN ARNG AVIATION TRAINING SITE (WAATS), SILVERBELL AHP, MARANA, AZ  4. PROJECT TITLE  ARMY AVIATION SUPPORT FACILITY  5. PROJECT NUMBER 040156  11. REQUIREMENT: 11222 SM 120,799 SF ADEQUATE: NA SUBSTANDARD: NA  PROJECT: This project is to build an AASF, of permanent type construction, to serve the peace time mission of the Western ARNG Aviation Training Site in Marana, AZ. The space will permit the facility to support AH-64 training missions. (New Mission)  REQUIREMENT: A 11,222 SM (120,799 SF) AASF and supporting facilities are required to adequately provide the staff the resources and support he need to conduct training for the AH-64 and other assigned aircraft.  CURRENT SITUATION: Fort Rucker will no longer conduct training on the AH-64A, and this mission will be given to the WAATS facility in Marana, AZ. In addition, training will still be conducted for the OH-58 and AH-1 aircraft. The current hanger is not large enough to support the AH-64 and does not have the neessary infrastructure and equipment to do so (the overhead crane is not large enough, not enough storage or shop space for a new type of aircraft).  IMPACT IF NOT PROVIDED: Without this project, WAATS will be unable to fulfill its training mission. As a result, there will be a shortage of trained AH-64 pilots and crew to meet the needs of the National Guard. Also, the ARNG units collocated with WAATS will be forced to share their facilities to help support the training mission, seriously hindering maintenance activities for both.  ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most s		T		ı	0.0475
4. PROJECT TITLE  ARMY AVIATION SUPPORT FACILITY  5. PROJECT NUMBER 040156  11. REQUIREMENT: 11222 SM 120,799 SF ADEQUATE: NA SUBSTANDARD: NA  PROJECT: This project is to build an AASF, of permanent type construction, to serve the peace time mission of the Western ARNG Aviation Training Site in Marana, AZ. The space will permit the facility to support AH-64 training missions. (New Mission)  REQUIREMENT: A 11,222 SM (120,799 SF) AASF and supporting facilities are required to adequately provide the staff the resources and support they need to conduct training on the AH-64A, and this mission will be given to the WAATS facility in Marana, AZ. In addition, training will still be conducted for the OH-58 and AH-1 aircraft. The current hanger is not large enough to support the AH-64, and does not have the necessary infrastructure and equipment to do so (the overhead crane is not large enough, not enough storage or shop space for a new type of aircraft).  IMPACT IF NOT PROVIDED: Without this project, WAATS will be unable to fulfill its training mission. As a result, there will be a shortage of trained AH-64 pilots and crew to meet the needs of the National Guard. Also, the ARNG units collocated with WAATS will be forced to share their facilities to help support the training mission, seriously hindering maintenance activities for both.  ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for constru					2. DATE Jun 01
ARMY AVIATION SUPPORT FACILITY  11. REQUIREMENT: 11222 SM 120,799 SF ADEQUATE: NA SUBSTANDARD: NA  PROJECT: This project is to build an AASF, of permanent type construction, to serve the peace time mission of the Western ARNG Aviation Training Site in Marana, AZ. The space will permit the facility to support AH-64 training missions. (New Mission)  REQUIREMENT: A 11,222 SM (120,799 SF) AASF and supporting facilities are required to adequately provide the staff the resources and support they need to conduct training for the AH-64A and other assigned aircraft.  CURRENT SITUATION: Fort Rucker will no longer conduct training on the AH-64A, and this mission will be given to the WAATS facility in Marana, AZ. In addition, training will still be conducted for the OH-58 and AH-1 aircraft. The current hanger is not large enough to support the AH-64, and does not have the necessary infrastructure and equipment to do so (the overhead crane is not large enough, not enough storage or shop space for a new type of aircraft).  IMPACT IF NOT PROVIDED: Without this project, WAATS will be unable to fulfill its training mission. As a result, there will be a shortage of trained AH-64 pilots and crew to meet the needs of the National Guard. Also, the ARNG units collocated with WAATS will be forced to share their facilities to help support the training mission, seriously hindering maintenance activities for both.  ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accura	3. INSTALLATION A		AINING SITE (WAATS), SILVER	BELL AHP,	MARANA, AZ
PROJECT: This project is to build an AASF, of permanent type construction, to serve the peace time mission of the Western ARNG Aviation Training Site in Marana, AZ. The space will permit the facility to support AH-64 training missions. (New Mission)  REQUIREMENT: A 11,222 SM (120,799 SF) AASF and supporting facilities are required to adequately provide the staff the resources and support they need to conduct training for the AH-64 and other assigned aircraft.  CURRENT SITUATION: Fort Rucker will no longer conduct training on the AH-64A, and this mission will be given to the WAATS facility in Marana, AZ. In addition, training will still be conducted for the OH-58 and AH-1 aircraft. The current hanger is not large enough to support the AH-64, and does not have the necessary infrastructure and equipment to do so (the overhead crane is not large enough, not enough storage or shop space for a new type of aircraft).  IMPACT IF NOT PROVIDED: Without this project, WAATS will be unable to fulfill its training mission. As a result, there will be a shortage of trained AH-64 pilots and crew to meet the needs of the National Guard. Also, the ARNG units collocated with WAATS will be forced to share their facilities to help support the training mission, seriously hindering maintenance activities for both.  ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used t	4. PROJECT TITLE		ТҮ	5. PROJEC	
Western ARNG Aviation Training Site in Marana, AZ. The space will permit the facility to support AH-64 training missions. (New Mission)  REQUIREMENT: A 11,222 SM (120,799 SF) AASF and supporting facilities are required to adequately provide the staff the resources and support they need to conduct training for the AH-64 and other assigned aircraft.  CURRENT SITUATION: Fort Rucker will no longer conduct training on the AH-64A, and this mission will be given to the WAATS facility in Marana, AZ. In addition, training will still be conducted for the OH-58 and AH-1 aircraft. The current hanger is not large enough to support the AH-64, and does not have the necessary infrastructure and equipment to do so (the overhead crane is not large enough, not enough storage or shop space for a new type of aircraft).  IMPACT IF NOT PROVIDED: Without this project, WAATS will be unable to fulfill its training mission. As a result, there will be a shortage of trained AH-64 pilots and crew to meet the needs of the National Guard. Also, the ARNG units collocated with WAATS will be forced to share their facilities to help support the training mission, seriously hindering maintenance activities for both.  ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit costs and were adjusted for size, JOINT USE CERTIFICATION: The Deputy Secretary of the Arm	11. REQUIREMENT	r: 11222 SM 120,799 SF ADEQUATE:	NA SUBS	L TANDARD:	NA
AT/FP POC: MAJ Tapia / 602-267-2770	Western ARNO missions. (New REQUIREMENT staff the resour CURRENT SIT to the WAATS The current has equipment to a ircraft). IMPACT IF N result, there was ARNG units of seriously hinde ADDITIONAL protection/com design guides of National Guard similar DoD st Army National historical costs Control JOINT USE CE project has been are incompatib	Aviation Training Site in Marana, Aviation Mission)  NT: A 11,222 SM (120,799 SF) AASF ces and support they need to conduct train and support they need to conduct train and support they need to conduct train and support in the support of facility in Marana, AZ. In addition, the support of support in the support in the support of support in the support in the support of support in the support in the suppor	Z. The space will permit the and supporting facilities are uning for the AH-64 and other conduct training on the AH-raining will still be conducted he AH-64, and does not have enough, not enough storaget, WAATS will be unable to sand crew to meet the need to share their facilities to led with the state physical those physical security measured. This project complies we also not address all of the dithus do not yield accurate used to develop baseline unitary of the Army (Installation Mission requirements, open	e facility to e required er assigned 64A, and to defend for the Covernment of fulfill its sof the North help supposite for the security assures required to the security assures required to the security assures and the cost estit costs and the erational correctional correctional corrections.	to adequately provide the laircraft. This mission will be given DH-58 and AH-1 aircraft. essary infrastructure and space for a new type of straining mission. As a fational Guard. Also, the ort the training mission, or officer and no force uired by regulations and ope and design criteria of D March 1996. The most iteria incorporated in the imates. Therefore, state ad were adjusted for size, pusing) certifies that the considerations, and local

1.	COMPONENT		FY 2	002 GUAF	RD AND RESERVE		2. DATE	
	ARNG				CONSTRUCTION		Jun 01	
			.,,,		ONOTHOUTION			
3.	INSTALLATION A			3 AVIATION T	RAINING SITE (WAATS), SILV	'ERBELL AF	IP, MARANA, AZ	
4	PROJECT TITLE					5. PROJE	CT	_
			AVIATION S	UPPORT FAC	ILITY		040156	
12.	SUPPLEMENTA	L DATA:						_
а.	ESTIMATE	D DESIGN	DATA:					
	(1) STAT	110.						
	` '		N STARTE	ח		Δυα-01		
					JARY 2002			
	` '				5% COMPLETE			
	` '							
					VELOP COSTS			
	` '				LE COST ANALYSIS			
	` '			RING FINAL				
	***************************************				. 520.011.			
	(2) BASIS	S:						
	(a) ST	ANDARD (	OR DEFINIT	TIVE DESIGI	N - YES NO X			
	(b) WI	HERE DES	IGN WAS N	IOST RECE	NTLY USED NA			
							_	
	` ,				CIFICATIONS			
	` '							
	` ,							
	` '							
	(e) IN-	HOUSE				0.0	<u>)                                    </u>	
	(4) CON	STDLICTIO	M STADT			lul 02		
	(4) CON	STRUCTIO	IN START			. Jui-02		
	(5) CON:	STRUCTIO	N COMPLE	TION DATE		Aug-02		
	, ,					(MONTH AND YE	AR)	
Э.	,			H THIS PRO	DJECT WHICH WILL BE PI	ROVIDED	FROM	
	OTHER A	PPROPRIA	TIONS					
					FISCAL YEAR			
	EQUIPME		PROCUR	ING	APPROPRIATION	COS	Т	
	NOMENCLA:	TURE	<u>APPROPRIA</u>		OR REQUESTED	(\$000		
	J-SIIDS			OPA	FY 03	10		
	TELEPHO			OMNG	FY 03		9	
	PREWIRE			OMNG	FY 03		5	
	PUBLIC AD	DDRESS S	YSTEM	OMNG	FY 03		5	
	RCAS			OPA	FY 03	330		
	FURNITUR	RE		OMNG	FY 03	<u>7.</u> :	<u>5</u>	
					TOTAL	366.	5	

1. COMPONENT	FY	<b>2002 GUAR</b>	D AND RESERVE		2. DATE	
ARNG	ľ	MILITARY CO	ONSTRUCTION		Ju	n 01
3. INSTALLATION AN	ID LOCATION				4.AREA CONS COST INDEX	TR
FORT	IRWIN, CALIFORNIA					1.26
NORMAL A	TYPE OF UTILIZATION  DMINISTRATION FIVE  OF WEEKEND TRAINII		EEK, PLUS EIGHTY-FC AL TRAINING.	OUR DAYS F	PER YEAR I	N
6. OTHER ACTIVE/G	UARD/RESERVE INSTALLATION	NS WITHIN 15 MILE R	ADIUS			
ARMY ARNO	FT IRWIN BARSTOW		NTC READINESS CENTE		A SF 1939 4 SF 1958	
7. PROJECTS REQU	ESTED IN THIS PROGRAM					
CATEGORY CODE 21835	PROJECT TITLE  MANEUVER AREA  TRAINING EQUIPME  SITE (PHASE I)		9 SM	COST (\$000) 21,953	DESIG START Dec 98	OMPLETE Mar-02
FACILITIES ID RESERVE FO		HAVE BEEN EX ARD FOR POS	XAMINED BY THE STA SIBLE JOINT USE/EXP RAL CONSTRUCTION.			16 FEB 00 Date
9. LAND ACQUISITION NONE	ON REQUIRED					(Number of acres)
10. PROJECTS PLAI <u>FY</u> 2003	NNED IN NEXT FOUR YEARS  LOCATION  Fort Irwin	<u>PROJECT</u> MATES (P		COST (\$00 \$43,448	<u>0)</u>	
RPM BACKLOG		11,000				
	EY HAS BEEN COMPL ROJECT AT THE EST		E SITE IS SUITABLE F INDICATED."	OR CONST	RUCTING 1	ГНЕ

1. COMPONENT		F	Y 2002	<b>GUARD</b>	AND RE	ESERVE		2. DATE	
ARNG			MILITA	ARY CON	STRUC	TION		Jun 01	
3. INSTALLATION A	AND LOCATION	DN							
FORT IR	WIN, CAL	IFORNIA							
11. PERSONNEL S	STRENGTH A							IADD/DECE	-DVE
	TOTAL	PERMA OFFICER	ENLISTED	CIVILIAN			TOTAL	JARD/RESE OFFICER	ENLISTED
AUTHORIZED	190	39	151	0			7,119	_	
ACTUAL	156	25	131	0			6,502		6,225
					F	Percentage =			·
12. RESERVE UNI	IT DATA								ru .
	<u>UNIT</u>	DESIGNAT	ΓΙΟΝ			<u>A</u>	UTHORIZ	<u>STRENG1</u> ED	ACTUAL
2d BDE							92		95
	_	TPSN:	4040				92		93
	MICAL CO VVM6AA 03157LNG	TPSN:	4040				167		100
240TH FORV UIC: V MTOE: 6300	VV58AA		ATTALION 4040				444	_	382
SUBTOTAL							703		577
13. MAJOR EQUIP	MENT AND A	IRCRAFT				AUTHORIZEI	<u> </u>	ASSIGNE	<u>D</u> *
						(MAINTENANCE	) (PEF		RKING)
WHEELED						259		222	
TRAILERS						112		51	
TRACKED	T . 20 FT					960		893	
EQUIPMENT FUEL & M97						153 60		134 20	
HEMTT PLS		ı				0		20 0	
GENERATO						58		35	
TOTAL						1,602	•	1,355	<u> </u>
* Delta non-	collated.								
14. OUTSTANDING	G POLLUTION	N AND SAFET	Y DEFICIENCII	ES: (\$000)					
A. AIR POLI	LUTION				NONE				
B. WATER I					NONE				
C. OCCUPA	ATIONAL	SAFETY A	ND HEAL	ГН	NONE				

1. COMPONENT	FV	2002 CHARD AND DECEDVE		2. DATE
		2002 GUARD AND RESERVE		
ARNG	ľ	MILITARY CONSTRUCTION		Jun 01
3. INSTALLATION AN		NIA	I	
FOR	Γ IRWIN, CALIFOR	NIA		
11. PERSONNEL STE TOT AUTHORIZED ACTUAL	RENGTH AS 28 NOV 95 PERMANEN FAL OFFICER ENL	<u>IT</u> ISTED <u>CIVILIAN</u>	<u>GU/</u> TOTAL	ARD/RESERVE OFFICER ENLISTED
12. RESERVE UNIT				STRENGTH
	UNIT DESIGNATION		AUTHORIZED	<u>STRENGTH</u> D <u>ACTUAL</u>
	MT TPSN: 245LNG15	4040	822	687
	NT TPSN: 375LNG14	4040	554	558
1/18th Cavalry UIC: WVK' MTOE: NG	WA TPSN:	4040	484	550
SUBTOTAL			1,860	1,795
13. MAJOR EQUIPME	ENT AND			
14. OUTSTANDING F	POLLUTION AND SAFETY	DEFICIENCIES: (\$000)		

1. COMPONENT	EV	2002 GUARD AND	DESERVE	2. DATE				
ARNG		ILITARY CONSTR		Jun 01				
7		iziiAkii ookoii		Can or				
3. INSTALLATION AN	ID							
FORT	Γ IRWIN, CALIFOI	RNIA						
11. PERSONNEL ST	11. PERSONNEL STRENGTH AS 1 JAN PERMANENT GUARD/RESERVE							
<u>T01</u>	ARD/RESERVE OFFICER ENLISTED							
AUTHORIZED	OTTIOEN ENGINEE							
ACTUAL								
12. RESERVE UNIT			0	TDENCTU				
	UNIT DESIGNATION	<u>l</u>	<u>S</u> AUTHORIZE	TRENGTH  D ACTUAL				
133D ENGINE	EER BATTALION		910	982				
-	BTO TPSN:	4040	910	902				
MTOE: 0514	5LNG06							
	ARTILLERY BN		588	487				
UIC: WPC MTOE: 6300		4040						
1/185 ARMOF UIC: WPC		4040	554	558				
MTOE: 0724								
SUBTOTAL			2,052	2,027				
			ŕ	·				
13. MAJOR EQUIPM	ENT AND							
<u>TYPE</u>			<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
14. OUTSTANDING	POLLUTION AND SAFET	Υ						

1. COMPONENT	FY 200	2 GUARD AND	RESERVE	2. DATE				
ARNG	MIL	ITARY CONSTR	RUCTION	Jun 01				
3. INSTALLATION AN	D							
FORT	FORT IRWIN, CALIFORNIA							
11. PERSONNEL ST	RENGTH AS 1 JAN 2000		-					
	<u>PERMANENT</u>			ARD/RESERVE				
	AL OFFICER ENLISTED	<u>CIVILIAN</u>	<u>TOTAL</u>	OFFICER ENLISTED				
AUTHORIZED ACTUAL								
12. RESERVE UNIT				STRENGTH				
!	UNIT DESIGNATION		<u>AUTHORIZED</u>	<u>ACTUAL</u>				
2/144TH FIEL UIC: WPC MTOE: 0636		ALION 4040	612	487				
B 40TH SPT E UIC: WV57 MTOE: 43238	7BO TPSN:	4040	560	556				
578TH ENGIN UIC: WPC MTOE: 0514	1T0 TPSN:	4040	758	621				
SUBTOTAL			1,930	1,664				
13. MAJOR EQUIPME TYPE	ENT AND		<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
14. OUTSTANDING F	POLLUTION AND SAFETY							

1. COMPONENT	FY 2002 GUARD AND RE	_	2. DATE				
ARNG	MILITARY CONSTRUC	TION	Jun 01				
3. INSTALLATION AN	D						
FORT	TIRWIN, CALIFORNIA						
11. PERSONNEL STE	RENGTH 1 JAN 2000						
PERMANENT GUARD/RESERVE							
TOTA	AL OFFICER ENLISTED CIVILIAN	<u>TOTAL</u>	OFFICER ENLISTED				
AUTHORIZED							
ACTUAL							
12. RESERVE UNIT			<u>STRENGTH</u>				
	INIT DESIGNATION	AUTHORIZE					
			_				
	OR BATTALION	574	439				
MTOE: 1737	WAA TPSN: 1877						
WITOE. 17373	DLNG33						
SUBTOTAL		574	439				
TOTAL		7,119	6,502				
TOTAL		7,119	0,502				
13. MAJOR EQUIPME	ENT AND						
<u>TYPE</u>	<u> </u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
14. OUTSTANDING F	POLLUTION AND SAFETY						

1. COMPONENT  ARNG			ARD AND RESERT CONSTRUCTION		2.	Jun 01	
3. INSTALLATION AN FORT		ALIFORNIA			TITLE VER AREA ' IENT SITE (		
5. PROGRAM ELEM 0505896A		6. CATEGORY CODE 21835	7. PROJECT 060120		8. PROJECT 21,953	T COST (\$000)	
		9. C	OST ESTIMATES				
	17	ΓΕΜ		LI/M	OLIANTITY	UNIT COST	COST

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				8,616
MATES BUILDING (#2 & #7)	SM	5,059.2	1538.2	(7,782)
WINTEO BOILDING (IIZ & III)	SF	54,459	142.90	(1,10-)
FLAMMABLE MATS FACILITY	SM	0.0	0.0	(0)
	SF	0	0.00	` '
CONTROLLED WASTE FACILITY	SM	0.0	0.0	(0)
	SF	0	0.00	, ,
UNHEATED METAL STORAGE BLD	SM	0.0	0.0	(0)
	SF	0	0.00	
FORCE PROTECTION	LS	1	733,500	(734)
ENERGY MANAGEMENT CONTROL SYSTEM	LS	1	100,000	(100)
SUPPORTING FACILITIES				11,683
SITE PREPARATION	LS	1	1,990,000	(1,990)
FINE GRADING & SEEDING	LS	1	19,000	(19)
PLANTING (2% of Basic Building Cost)	LS	1	178,000	(178)
RIGID PAVING	SM	19.313.9	38.3	(739)
NIGID FAVING	SY	23,100	32	(700)
FLEXIBLE PAVING	SM	29.098.8	16.7	(487)
I LEXIDEL I AVIIVO	SY	34,803	14	(407)
FENCING	M	1219.2	85.3	(104)
1 ENOUNG	LF	4.000	26	(,
SIDEWALKS	SM	1003.3	21.5	(22)
OIDE WILLIO	SF	10,800	2	( )
WASH PLATFORM	SM	480.8	36.0	(17)
	SY	575	30	, ,
FUEL STORAGE & DISPENSING SYSTEM	LS	1	0	(0)
EXTERIOR LIGHTING	LS	1	803,250	(803)
LUBE AND INSPECTION RAMP	LS	1	75,000	`(75)
LOAD RAMP	LS	1	75,000	(75)
DETACHED FACILITY SIGN	LS	1	0	`(O)
MISCELLANEOUS SITE STRUCTURES	LS	1	214,000	(214)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	1	6,959,450	(6,960)
SUBTOTAL			, ,	20,299
CONTINGENCY (5%)				1,015
TOTAL CONTRACT COST				21,314
SUPERVISION, INSPECTION & OVERHEAD (3%)				639
TOTAL REQUEST				21,953
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)				(1,323)
Egg. The tibe by them of the training (not the b)				( : , = = 0 )

<sup>10.</sup> DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed Maneauver And Training Equipment Site facility of 60 work bays constructed with permanent masonry type construction, with steel roof, concrete floors and energy efficient mechanical and electrical equipment. Supporting facilities include 9000SF weapons cleaning, 40,000SF unit maintenance shade covers, issue, mess shelters, class and conference rooms, overhead lifting devices, controlled waste handling facilities, installed equipment, furnishings, military vehicle parking and access roads and privately owned vehicle parking, security fencing, dark motor pool lighting, vehicle wash system, loading ramp, flammable materials storage building, controlled waste handling facility, and sidewalks. Extension of gas, electric, sewer, water and communication utilities on Fort Irwin to the building site is necessary. Actual foundation design will be determined during design. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors. lighting, and heat vent air conditioning systems.

AIR CONDITIONING- 120 TONS

1. COMPONENT	FY 2002 GUARD AND RESERVE		2. DATE	
ARNG	MILITARY CONSTRUCTION		Jun 01	
3. INSTALLATION AI	ND LOCATION FORT IRWIN, CALIFORNIA			
4. PROJECT TITLE MANEUV	'ER AREA TRAINING EQUIPMENT SITE (PHASE I)	4. PROJ	ест number 060120	
11 DECLIDEMENT	24.848 SM 267/68 SE ADEOLIATE: NA SM SE SUBSTAND	ΔRD·	4 650 SM 50	0.040 SE

PROJECT: Phase I will construct 54,459 SF of a new 267,468 SF MATES facility with the training site facilities and the infrastructure to support this facility as stated above. Location is on a 225 acre, Federally licensed location on Fort Irwin. (Current Mission)

<u>REQUIREMENT:</u> A maintenance facility of 267,468 SF is authorized and hereby requested to permit organizational and support level maintenance being performed on vehicles and equipment located at the Fort Irwin MATES. (A 225 acre site has been licensed to the CA ARNG). Phase I will include 54,459 SF of this request.

CURRENT SITUATION: The existing facility of 50, 049 SF was constructed in 1952 with a small addition in 1968. It was originally built as a small wheeled vehicle shop and is inadequate to service the tracked vehicle fleet that is maintained there. The heating, lighting and ventilation systems are inadequate in both required square footage and actual size of the work bays, storage area, personnel area and administrative area. Due to lack of work bays, upwards of 30 federal technicians are required to work outside without any shelter from the extremely harsh Fort Irwin climate. Those who do work inside are not much better off as the shop buildings are constructed of metal frame with a single layer of corrugated metal and no insulation. In short, these buildings offer little if any protection from the summer heat that ranges from 128 degrees to as high as 155 degrees to the winter cold that can reach as low as 20 degrees. The shop ceiling has at least 40 unlocatable holes which only slows the rain from entering. Since this facility was constructed, the overhead lifting capabilities, critical to this operation, have been inadequate in quantity and lift capability. The lack of a 35 ton crane needed to service the newly acquired M1A1 tanks has compounded this shortcoming. The M1A1 Abrams tanks now maintained at this site only fit in the bay doors with six inches of clearance. Once inside, it creates a crowded, unsafe working condition. This facility does not lend itself to modification for additional space of the upgrades needed.

<u>IMPACT IF NOT PROVIDED</u>: Unit readiness will continue to degrade and the federal technicians will continue to work in unsafe, unhealthy working conditions, unnecessarily exposing them to costly accidents and higher health risk exposure. These poor conditions adversely affect the morale, productivity and overall effectiveness of this operation. The nature of this operation is dangerous even in the best of conditions, however these cramped conditions create the potential for serious injury and/or the loss of life.

ADDITIONAL: This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense Anti-Terrorism Force Protection Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 Jan 2000 and Design Guide 415-2 dated 1 Jan 2000. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard Mobilization and Training Equipment Site (MATES) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

<u>JOINT USE CERTIFICATION</u>: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

1.	COMPO			002 GUARD AN ILITARY CONST	_		2. DATE  Jun 01	
3.	INSTAL		D LOCATION T IRWIN, CALIFORNI	IA				
4.		CT TITLE	ER AREA TRAINING EC	QUIPMENT SITE (PHA:	SE I)	5. PRO	JECT NUMBER 060120	
12	SUPPL	EMENTAL	DATA:					
a.	ESTI	MATED	DESIGN DATA:					
	(1)	(b) PE (c) DA (d) DA (e) PA (f) AN	S: ATE DESIGN STARTI ERCENT COMPLETE ATE DESIGN EXPECT ATE DESIGN COMPL ARAMETRIC COSTS I ENERGY STUDY A LL BE DOCUMENTE	AS OF 1 JANUARY TED TO BE 35% CC ETE USED TO DEVELOI ND LIFE CYCLE CC	OMPLETE P COSTS OST ANALYSIS	- - - -	Dec 98 65% Jul-00 Mar-02 NO	
	(2)	` '	ANDARD OR DEFIN HERE DESIGN WAS			NO_	X NA	
	(3)	(a) PF (b) ALI (c) TC (d) CC	COST (c) = (d) + (b): RODUCTION OF PLA L OTHER DESIGN CO DTAL DNTRACT -HOUSE	NS AND SPECIFICA OSTS	ATIONS 100%	- - - -	(\$000) 1217.9 609.0 1,826.9 (0.0)	
	(4)	CONS	TRUCTION START				May-02	
	(5)	CONS	TRUCTION COMPLE	TION		(mo	Jun-03 onth and year)	
b.			T ASSOCIATED WITI PROPRIATIONS	H THIS PROJECT W		VIDED I	FROM	
	JSIC TEL FUR PT E	UIPMENT ENCLATURE DDS ECOM ENITURE EQUIPM DP EQUI	: ENT	PROCURING  APPROPRIATION  OPA  OMNG  OMNG  OMNG  OMNG  OMNG	FISCAL YEAR APPROPRIATION OR REQUESTED FY 03	 Total	COST (\$000) 6 40 6 71 1200	
	PT E	EQUIPM	ENT	OMNG	FY 03	 Total	71 1200	

1. COMPONENT FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION							2. DATE  JUN 01	
ARNG			WILITARY (	CONSTRU	CTION		JUI	<b>N</b> U I
3. INSTALLATIO	ON AND L	LOCATION					4. AREA CO	
	LANC	ASTER, CALIF	ORNIA				1.1	8
NORMAL	ADMI	YPE OF UTILIZATION F NISTRATION F E TIMES PER I	IVE DAYS PER	R WEEK, WITH	I A TWO-DAY	/ UNIT TRA	INING AS	SEMBLY
6. OTHER ACT MILES RADIUS		ARD/RESERVE INSTA	ALLATIONS WITHIN 1	5				
ARNG SAN BERNARDINO 50 MILES READINESS CENTER 15,1						15,1	64 SF 66 SF 64 SF	1949 1950 1958
7. PROJECTS F	REQUES	TED IN THIS PROGR	AM					
CATEGORY CODE 17180	(	<u>PROJECT TI</u> READINE	TLE SS CENTER	SCOPE 3,465 SM 37,303 SF	COST (\$000) 4,530	DESIO START 07/01		<u>MPLETE</u> 1/01
		SERVE COMPONENT				STATE IOIN	ı <del>.</del>	
		ENTIFIED IN IT ERVE COMPOI					11	
USE/EXP.		ON. THE BOAF ON.	RD RECOMME	NDATIONS AF	RE UNILATER	RAL		FEB 00 Pate
9. LAND ACQU LAND TO		REQUIRED CQUIRED FRO	M STATE FAIF	R COMMISSIO	N.	-	<b>7</b> (Number of a	ocres)
10. PROJECTS	PLANNE	ED IN NEXT FOUR Y	EARS					
RPM BAC	CKLOG	G (\$000): \$0						
		Y HAS BEEN C D PROJECT A				FOR CON	STRUCTIO	ON OF

1. COMPONENT  ARNG				RD AND RE		2. DA	TE IUN 01
3. INSTALLATION	AND LOCATION	I					
	LANCAST	ER, CALIFO	ORNIA				
11. PERSONNELS	STRENGTH AS	OF:	1 MAR 00				
			<u>ANENT</u>		·	UARD/RESERV	<del></del>
	<u>TOTAL</u>		<u>ENLISTED</u>	·	TOTAL	OFFICER	ENLISTED
AUTHORIZED	4	0	4	0	205	6	199
ACTUAL	4	0	4	0 Paraantaga-	205 100.00%	6	199
				Percentage=	100.00%		
12. RESERVE UN	IIT DATA				STREN	STH	
	LIN	IIT DESIGNAT	ION		AUTHORIZED	ACTUAL	
	<u>514</u>	2231314/11			, 10 11 10 11 12 ED	7.0.07.L	
1114TH TR UIC: WPH9 MTOE: 557	9AA	ATION MED TPSN: 35		K COMPANY (-)	116	116	
DETACHME HEAVY EQI UIC: WPTN MTOE: 557	UIPMENT T A1		T COMPAN	N COMBAT IY	89	89	
				SUB-TOTAL	205	205	
13. MAJOR EQUIF	PMENT AND AIR	CRAFT					
	<u>TYPE</u>				AUTHORIZED	ASSIGNED	
WHEELED	<u> </u>				61	61	
TRAILERS					3	3	
TRACKED					0	0 *	
EQUIPMEN	IT > 30-FT				35	35	
FUEL & M9					2	2	
HEMTT PLS					32	32	
TOTAL					133	133	
* DEMAIN	10 1/51 !!0!			MATEO			
* REMAININ				IVIATES			
14. OUTSTANDIN	IG POLLUTION A	AND SAFETY DE	FICIENCIES:		<u>(\$000)</u>		
A. AIR POL	LLITION				NONE		
B. WATER		N			NONE		
C. OCCUP.			D HEAI TH		NONE		
J. COCOF	ATTOTAL C	// L L L / L N			INOINE		

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT

ARNG

# FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

**JUN 01** 

3. INSTALLATION AND LOCATION

LANCASTER, CALIFORNIA

4. PROJECT TITLE

READINESS CENTER

5. PROGRAM ELEMENT 0505896A

6. CATEGORY CODE 17180

7. PROJECT NUMBER 060297A

8. PROJECT COST 4,530

9. COST ESTIMATES

9. COST ESTIMATES			-	
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				3,363
READINESS CENTER	SM SF	3,438 37,003	1,292	(3330)
FLAMMABLE MATS STORAGE	SM SF	14 150	377 35	- (4)
CONTROLLED WASTE FACILITY	SM SF	14 150	377 35	(4)
FORCE PROTECTION	LS	l	-	(25)
SUPPORTING FACILITIES SITE PREPARATION FINE GRADING & SEEDING PLANTING RIGID PAVING	LS LS LS SM		- - - 43	1,020 (45) (14) (50) (560)
FLEXIBLE PAVING	SM SY	5,899 7,055	26 22	(155)
FENCING	M	488	59	(29)
SIDEWALKS	SM SF	1,600 <b>167</b> 1,800	18 59 6	(10)
FLAGPOLE EXTERIOR FIRE PROTECTION DETACHED FACILITY SIGN OUTSIDE LIGHTING FUEL STORE & DISPENSING SYS WASH PLATFORM UTIL'S:WATER/SEWER/GAS/ELEC FORCE PROTECTION	LS LS LS LS LS LS LS	- - - - -	- - - - - -	(4) (11) (2) (49) (0) (49) (42) (25)
SUBTOTAL				4,408
CONTINGENCY (5%) TOTAL CONTRACT COST				220 <b>4,628</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				132
FEDERAL REQUEST				4,530
STATE SHARE				(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(200)

<sup>10.</sup> DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed readiness center of earthquake resistant permanent masonry type construction, brick and concrete block units with concrete floors, and a standing seam metal roof. A multiple story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

Air Conditioning -

**114 TONS** 

	+				
1. COMPONENT	FY 2002 GUARD AND RESERVE		2. DATE		
ARNG	MILITARY CONSTRUCTION		JUN 01		
3. INSTALLATION AI	ND LOCATION  LANCASTER, CALIFORNIA	•			
4. PROJECT TITLE	READINESS CENTER	5. PROJECT NUMBER 060297A			
11. REQUIREMENT	: 3,465 SM 37,303 SF ADEQUATE: 0 SM 0 SF SUBSTAN	IDARD:	<u> </u>	0 SF	
PROJECT: T time missions that will improve REQUIREME housed in this CURRENT Service facility. The period (ADRS). The revealed there IMPACT IF Not miles and if the Angeles Basin ADDITIONAL been perform terrorism measurement of the curtain for the curtain for the curtain service for exproject. Alternis the only fear JOINT USE Corroject has been project as the project has been performent for the curtain for the curtain for the curtain for the curtain forms.	this project is to provide an 250-person readiness center of permander of the assigned units. The space will be designed to permit all power the units readiness posture. (New Mission)  NT: A 3,465 SM (37,303 SF) readiness center is required to additional facility with administrative, supply, classroom, locker, latrine, and ITUATION: There is no existing armory within approximately stroposed units for this location are being formed under the Army location has been selected based upon local community involves is a significant recruiting opportunity in the local area.  OT PROVIDED: The units scheduled to occupy this facility will this facility is not provided these units will be forced to occupy the strong opportunity in the local area.	equately kitchen 50 mile Validon Nation Vement not have already urity office ectively. "Interim gulation design ost similus do not deving not been stallatic	nel to perform the necessive provide the proposed local space. It is of the proposed local Guard Division Reduced and interest. State develop baseline unit cost red and design guides for criteria of Draft National Department of Defense and design guides for criteria of Draft National Department of Defense and design guides for criteria of Draft National Department of Defense and design guides for criteria of Draft National Department of Draft Nati	essary tasks d units to be ation of this esign Study emographics es within 50 s in the Los alyses have / combating ense AT/FP or protecting ional Guard not address it estimates. st and were aluating this This project ect costs. fies that this	

1. COMPON	FY 2	002 GUARD AND RESERVE LITARY CONSTRUCTION		2. DATE JUN 01
3. INSTALL	ATION AND LOCATION  LANCASTER, CALIFO	RNIA		
4. PROJEC	T TITLE READINESS CENTER			5. PROJECT NUMBER 060297A
12. SUPPLE	MENTAL DATA:			
a. ESTIN	MATED DESIGN DATA:			
(1)	STATUS:  (a) DATE DESIGN STATUS:  (b) PERCENT COMPLICON DATE DESIGN EXPONSION COMPLICATION COMPLETE COMPLICATION COMPLETE COM	ETE AS OF 1 JANU PECTED TO BE 35% MPLETE STS USED TO DEVI Y AND LIFE CYCLE	COMPLETE  ELOP COSTS COST ANALYSIS	07/01 NA 09/01 11/01 NO
(2)	BASIS: (a) STANDARD OR DE (b) WHERE DESIGN V			NO X NA
	TOTAL DESIGN COST ( (a) PRODUCTION OF F (b) ALL OTHER DESIG (c) TOTAL (d) CONTRACT (e) IN-HOUSE	PLANS AND SPECIF		(\$000) (0.0) (0.0) 407.7 (407.7) (0.0)
(4)	CONSTRUCTION STAF	RT.		01/02
(5)	CONSTRUCTION COM	PLETION DATE		01/03 (month and year)
	IPMENT ASSOCIATED VIER APPROPRIATIONS	VITH THIS PROJEC	CT WHICH WILL BE PRO	VIDED FROM
NOMEN TELE KITC J-SIII PHYS	DIPMENT NCLATURE ECOM HEN EQUIPMENT DS SICAL FITNESS EQUIP NITURE	PROCURING  APPROPRIATION  OMNG  OMNG  OPA  OMNG  OMNG  OMNG	FISCAL YEAR APPROPRIATION OR REQUESTED FY 02 FY 02 FY 02 FY 02 FY 02 FY 02 TOTAL	COST (\$000) 15 55 30 10 90 200

1. COMPONENT	FY2002	<b>GUARD AND</b>	RESERV	E	2. DATE
ARNG	MILITA	ARY CONSTR	UCTION		Jun 01
3. INSTALLATION AND LC					4. AREA CONSTR
GOWEN	N FIELD, (BOISE, IDAHO	0)			COST INDEX
					1.01
	PE OF UTILIZATION IISTRATION FIVE(5) DA E TIMES PER MONTH.	YS PER WEEK,	WITH A TV	VO-DAY TRAI	INING ASSEMBLY
6. OTHER ACTIVE/GUAR	D/RESERVE INSTALLATIONS WIT	ГНІМ			
ARNG CALDW	ELL 28 MILES	,	ARMORY	10,125 S	F
ARNG EMMET			ARMORY	9,593 S	
ARNG NAMPA		/	ARMORY	13,240 S	F
7. PROJECTS REQUESTE	ED IN THIS PROGRAM				
CATEGORY			COST	DES	SIGN STATUS
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
17180	READINESS CENTER	6,354 SM 70.595 SF	8,117	Aug-90	May-00
		70,090 31			
FACILITIES IDENT RESERVE COMPO	RVE COMPONENTS FACILITIES BO TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U	OARD RECOMMENDATI BEEN EXAMINE DARD FOR POSS	ED BY THE	T USE/EXPAI	NSION.
FACILITIES IDENT RESERVE COMPO	IFIED IN ITEM #6 HAVE	OARD RECOMMENDATI BEEN EXAMINE DARD FOR POSS	ED BY THE	T USE/EXPAI	
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RE	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BC DMMENDATIONS ARE U	OARD RECOMMENDATI BEEN EXAMINE DARD FOR POSS	ED BY THE	T USE/EXPAI	NSION. 14 APR 98 Date
FACILITIES IDENT RESERVE COMPO	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BC DMMENDATIONS ARE U	OARD RECOMMENDATI BEEN EXAMINE DARD FOR POSS	ED BY THE	T USE/EXPAI	NSION. 14 APR 98
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RI NONE  10. PROJECTS PLANNED	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U	OARD RECOMMENDATI BEEN EXAMINE DARD FOR POSS JNILATERAL CO	ED BY THE BIBLE JOIN NSTRUCTI	T USE/EXPAI ON. -	NSION. 14 APR 98 Date  0 (Number of acres)
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RI NONE  10. PROJECTS PLANNED PROJECT	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U	OARD RECOMMENDATE BEEN EXAMINE DARD FOR POSS JNILATERAL CO	ED BY THE BIBLE JOIN NSTRUCTI	T USE/EXPAI ON. - \$000	NSION. 14 APR 98 Date  0 (Number of acres)
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RI NONE  10. PROJECTS PLANNED PROJECT	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U	OARD RECOMMENDATI BEEN EXAMINE DARD FOR POSS JNILATERAL CO	ED BY THE	T USE/EXPAI ON. -	NSION. 14 APR 98 Date  0 (Number of acres)
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RI NONE  10. PROJECTS PLANNED PROJECT	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U	OARD RECOMMENDATE BEEN EXAMINE DARD FOR POSS JNILATERAL CO	ED BY THE BIBLE JOIN NSTRUCTI	T USE/EXPAI ON. - \$000	NSION. 14 APR 98 Date  0 (Number of acres)
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RI NONE  10. PROJECTS PLANNED	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U  EQUIRED D IN NEXT FOUR YEARS	OARD RECOMMENDATE BEEN EXAMINE DARD FOR POSS JNILATERAL CO	ED BY THE BIBLE JOIN NSTRUCTI	T USE/EXPAI ON. - \$000	NSION. 14 APR 98 Date  0 (Number of acres)
FACILITIES IDENT RESERVE COMPO THE BOARD RECO  9. LAND ACQUISITION RI NONE  10. PROJECTS PLANNED PROJECT TASS BARRACKS	TIFIED IN ITEM #6 HAVE DNENTS FACILITIES BO DMMENDATIONS ARE U  EQUIRED D IN NEXT FOUR YEARS	OARD RECOMMENDATE BEEN EXAMINE DARD FOR POSS JNILATERAL CO	ED BY THE BIBLE JOIN NSTRUCTI	T USE/EXPAI ON. - \$000	NSION. 14 APR 98 Date  0 (Number of acres)

1. COMPONENT	EV.0000 011	4 D D A N I		DVE	2.	DATE
	FY2002 GU				-	5.112
ARNG	MILITAR	Y CONST	RUCTIO	ON		Jun 01
3. INSTALLATION AND	LOCATION					3411 0 1
	WEN FIELD, (BOISE, IDAHO)					
	,					
	0.1411.00					
11. PERSONNEL STR	ENGTH AS OF: 6 JAN 99 PERMANENT			GUA	ARD/RESE	RVF
Т	OTAL OFFICER ENLISTED	CIVILIAN			OFFICER	
_	192 9 70	113		433	105	328
ACTUAL	192 9 70	113		369	91	278
		Perce	entage =	85.22%		
12. RESERVE UNIT D	ATA			OTDENIG	·	
	LINIT DESIGNATION			STRENG		
	<u>UNIT DESIGNATION</u>			<u>AUTHORIZED</u>	ACTUAL	
CO C 2-116 AR	MOR BATTALION			63	61	
UIC: WYP30	CO TPSN: 12116 FAD III					
00 D 2 446 A	DMOD DATTALION			60	40	
	RMOR BATTALION 00 TPSN: 12116 FAD III			63	40	
OIC. WIFSL	OU IFSN. 12110 FAD III					
216 MILITARY	INTELLIGENCE COMPANY			38	34	
UIC: WPA1A	A TPSN: 12116 FAD III					
· ·	OBILE PUBLIC AFFAIRS			10	9	
UIC: WQEN	IA1 TSPSN: 34253					
HEADQUARTE	RS, STARC - IDAHO			<u>259</u>	225	
	A TPSN: 56751			<u>200</u>	<u>==0</u>	
			TOTAL	433	369	
13. MAJOR EQUIPME	NT AND AIRCRAFT					
TYF	DE			AUTHORIZED	ASSIGNE	-D
WHEELED VE				105	10:	
TRAILERS				17	1	-
TRACKED VEH	HICLES			34	*/	0
FUEL VEHICLE				0		0
OVERSIZED V	EHICLES > 30'			0	(	0
*/ REMAINING	G VEHICLES ARE LOCATED A	AT MATES				
	OLLUTION AND SAFETY DEFICIENCIES:					
				<u>(\$000)</u>		
A. AIR POLLU				NONE		
B. WATER PO				NONE		
C. OCCUPATI	ONAL SAFETY AND HEALTH			NONE		

1. COMPONENT  ARNG		JARD AND RES				2. DATE				
711110	WIILIIAK	CONSTRUC	ION			Jun01				
	3. INSTALLATION AND LOCATION GOWEN FIELD, (BOISE, IDAHO)  4. PROJECT TITLE READINESS CENTE				ER .					
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUME 160051	BER		8. PROJECT COST 8,117					
		9. COST ESTIMATES								
	ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)			
PRIMARY FACILITY							6,954			
PRIMARY FACILITY				SM SF	6,331 70,345	1,056 95	(6683)			
FLAMMABLE MATS STOR	AGE			SM SF	9 100	444 40	(4)			
CONTROLLED WASTE HA	AND FAC			SM SF	14 150	444 40	(6)			
FORCE PROTECTION ENERGY MANAGEMENT				LS LS	-	-	(50) (211)			
SUPPORTING FACILITIES SITE PREPARATION FINE GRADING & SEEDIN PLANTING RIGID PAVING FLEXIBLE PAVING	IG			LS LS SM SY	- - - 1,100 1,309 9.855	- - - 42 35	552 (50) (25) (105) (46) - (176)			
FENCING				SY M	11,732 <b>54</b>	15 46	(2)			
SIDEWALKS				LF M	178 910 3,000	13	(12)			
FLAGPOLE EXTERIOR FIRE PROTECT DETACHED FACILITY SIGN OUTSIDE LIGHTING UTIL'S:WATER/SEWER/G	SN .			LS LS LS LS LS	- - -	4 - - - -	(4) (25) (2) (55) (50)			
SUBTOTAL CONTINGENCY (5%)	, to, LLC						<b>7,506</b> 375			
TOTAL CONTRACT COST SUPERVISION, INSPECTI FEDERAL REQUEST	ON & OVERHEAD (3%)						7,881 236 <b>8,117</b>			
STATE SHARE	OTHER FER ARRE (MON)	4 DD)					(0)			

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

A specially designed mobilization readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A two-story structure with mechanical and electrical equipment and prewired work stations. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

AIR CONDITIONING

77 TONS

1. COMPONENT  ARNG	FY2002 GUARD AND RESERVE					
3. INSTALLATION AND	GOWEN FIELD, (BOISE, IDAHO)					
4. PROJECT TITLE	READINESS CENTER	5. PROJ 160	ECT NUMBER 051			
11. REQUIREMENT:	6,354 SM 70,595 sf ADEQUATE: 0 SUBSTANDARD: 2,763	SM	30697 sf			

<u>PROJECT:</u> This project is to provide a mobilization readiness center of permanent type construction to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on federally licensed land. (Current Mission)

<u>REQUIREMENT:</u> A 6,354 SM (70,595 SF) mobilization readiness center is required to adequately provide the units housed in this facility with administrative, supply, classroom, locker, and latrine space.

<u>CURRENT SITUATION:</u> The individuals, assigned to this facility, drill in numerous buildings of various type scattered about the installation, some of which are World War II era wooden buildings.

<u>IMPACT IF NOT PROVIDED:</u> The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the proper facilities that they critically need.

ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1997 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards do not address all of the current criteria incorporated in the (project type) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.

<u>JT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

1.	СОМРО	NENT		F`	Y2002 GUARD A	AND RESERVE		2. DATE		
	ARN	G			MILITARY CON	STRUCTION		lup 01		
3.	INSTALL			LOCATION	E IDAHO)			Jun 01		
	GOWEN FIELD, (BOISE, IDAHO)									
4.	PROJEC			INESS CENTER			5. PROJEC <sup>1</sup>			
12.	SUPPLE	EMENT	AL D	ATA:						
a.	ESTI	MATI	ED I	DESIGN DATA:						
	(1)	(b) (c) (d) (e)	DA PE DA DA PA AN	TE DESIGN STA RCENT COMPLE TE DESIGN EXP TE DESIGN CON RAMETRIC COS ENERGY STUDY	ETE AS OF JANUAF PECTED TO BE 35% MPLETE		70' Nov May	% -99 -00		
	(2)	` '	ST		FINITIVE DESIGN - /AS MOST RECENT		NO X	<u>:                                    </u>		
	(3)	тот	AL	DESIGN COST (d	c)=(a)+(b) or (d)+(e):	:	(\$000)			
		(b) (c) (d)	ALI TO CO	_OTHER DESIGN TAL NTRACT	PLANS AND SPECIF N COSTS		(450) (225) 675.0 675.0 ( 0 )			
	(4)	СО	NST	RUCTION STAR	т		Oct	:-01		
	(5)	СО	NST	RUCTION COMF	PLETION DATE		Oct	- <u>02</u> YEAR)		
b.				ASSOCIATED W	VITH THIS PROJEC	T WHICH WILL BE F	,	,		
	FOI	JIPMEI	JT		PROCURING	FISCAL YEAR APPROPRIATION	COST			
	NOME	NCLAT	URE		<u>APPROPRIATION</u>	OR REQUESTED	<u>(\$000)</u>	_		
	TELE J-SII		VI		OMNG OPA	FY 02 FY 02	20 50			
	FUR		RE		OMNG	FY 02	<u>36</u>	<u>3</u>		
						TO	TAL 43	3		

1. COMPONENT ARNG			GUARD AN ARY CONST	ID RESERVE		DATE Jun 01
3. INSTALLATION A						. AREA CONSTR
ESTHERVIL	LE, IOWA					1.06
	ND TYPE OF UTILIZAT		INISTRATION	AND 1 WEEKENI	D A MONTH	
	/GUARD/RESERVE IN SPENCER ALGONA SHELDON	STALLATIONS WIT 33 MILES 52 MILES 66 MILES	1222 SM/ 1626 SM	us /13582 SF M/18062 SF M/14672 SF		
7. PROJECTS REQ	UESTED IN THIS PRO	OGRAM		COST	DES	SIGN STATUS
CODE		TITLE	<u>SCOPE</u>	(\$000)	START	COMPLETE
17180		ESS CENTER	2271 SM 25234 SF	2,713	 May-99	Sep-01
FACILITIES IDEN RESERVE COMF		HAVE BEEN E S BOARD FOR	XAMINED BY THE	ATION E STATE JOINT SER' Γ USE/EXPANSION.	_	11/16/00 Date
9. LAND ACQUISIT	ION REQUIRED					0
NOINE					(Nu	mber of acres)
10. PROJECTS PLA	ANNED IN NEXT FOU	R YEARS				
RPM BACKLO	PG (\$000): \$217					
"A CITE CI	JRVEY HAS BEI	EN COMPLET	ED AND THE S	UTE IS SIUTADI E	EOD CONSTI	DUCTION

1. COMPONENT			FY 2002 G	UARD AND	RESERVE		2. DATE	
ARNG		MILITARY CONSTRUCTION						
l				. T CONSTI				Jun 01
3. INSTALLATION		ON VILLE, IOWA	4				•	
11. PERSONNELS	STRENGTH AS	S OF: (CURREN	NT DATE)*					
		PERM	ANENT				/RESERVE	
	<u>TOTAL</u>		<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFI</u>	FICER	<u>ENLISTED</u>
AUTHORIZED	2	0	2	0	71		3	68
ACTUAL	2	0	2	0	74		3	71
<u></u>					percentage=104%			
12. RESERVE UN	IT DATA				ST.	RENGTH		
	UN	IT DESIGNAT	¹∩N		<u>ST</u> <u>AUTHORIZE</u>		TUAL	
			<u>1011</u> ELD ARTILLE	ERY	71		74	
	<b></b>	•					•	
1								
1								
1								
12 144 100 50111								
13. MAJOR EQUIF		RCRAFT					: 22:21/50	
-	<u>TYPE</u>				<u>AUTHORIZE</u>	<u>D</u>	ASSIGNED	
WHEELED	VEHICLES	3			1	6	16	
TRAILERS	VEINOLLS	,				6	6	
HOWITZER	lS.					6	6	
						•	-	
<u> </u>								
14. OUTSTANDIN	G POLLUTION	AND SAFETY [	DEFICIENCIES:					
					<u>(\$000)</u>			
A. AIR POL					NONE			
B. WATER					NONE			
C. OCCUP	ATIONAL :	SAFETY A	ND HEALTH		NONE			

1. COMPONENT  ARNG		RD AND RESERVE	<b>E</b>		2. DATE		
ARNG	MILITARY CONSTRUCTION						
3. INSTALLATION AND LOCA	3. INSTALLATION AND LOCATION 4. PRC						
ESTHERVIL					ESS CENT	ΓER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 190061		8.	B. PROJECT COST 2,713		
000000A	17100	100001			2,7 10		
	9. CC	OST ESTIMATES	,		ı		
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY			SM			3,246	
READINESS CENTER			SF SM SF		1,149 103	(2589)	
LOCAL ADD/ENHANCED S	SCOPE		SM SF	498 5,530	1,149 103	(572)	
CONTROLLED WASTE HA			SM		429	(10)	
FLAMMABLE MATERIAL FORCE PROTECTION	S STORAGE		SF LS	250	40	- (27)	
ENERGY MANAGEMENT (	CONTROL SYSTEM		LS	-	-	(27) (50)	
SUPPORTING FACILITIES				-		937	
SITE PREPARATION (NON			LS	-	-	(105)	
FINE GRADING & SEEDING			LS	-	-	(27)	
PLANTING RIGID PAVING			LS SM	1,763	420	(50)	
RIGID PAVING			SY		429 <i>4</i> 0	(87)	
FLEXIBLE PAVING			SM SY		33 27	(54)	
FENCING			M LF	156 516	61 19	(9)	
SIDEWALKS			SM	162	67	(11)	
FLAGPOLE			SF LS	1,800 -	6 -	(3)	
EXTERIOR FIRE PROTECTION	NC		LS	-	-	(12)	
DETACHED FACILITY SIGN	I		LS	-	-	(2)	
OUTSIDE LIGHTING			LS		-	(38)	
MOTOR VEHICLE STORAG	E BUILDING		SM SF	384 <i>4,26</i> 8	429 <i>4</i> 0	(333)	
FUEL STORAGE & DISPEN	SING SYSTEM		LS	-	-	(61)	
WASH PLATFORM			LS		-	(40)	
UTILITIES: WATER/SEWER	/GAS/ELECTRIC		LS		-	(78)	
FORCE PROTECTION SUBTOTAL			LS	-	-	(27) <b>4,183</b>	
CONTINGENCY (5%)						209	
TOTAL CONTRACT COST						4,392	
SUPERVISION, INSPECTIO	N & OVERHEAD (3.0%)					132	
TOTAL FEDERAL REQUES	Т					2,713	
STATE SHARE (NON-ADD	0)					(1192)	
LOCAL SHARE (NON-ADD	)					(619)	
EQUIP PROVIDED FROM C	THER FED APPR (NON-ADD	)				(114)	

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construction will consist of a specially designed building of permanent masonry concrete block with brick veneer, concrete footings and flooring, a standing seam metal and shingled roof over a metal and treated wood truss system. Supporting facilities include rigid access roads and sidewalks, asphalt parking and compound area, security fencing and lighting, motor vehicle storage building, and a 1200 gallon fuel system. Physical security measures will be incorporated into the design including maximum feasible standoff distance from roads, parking

AIR CONDITIONING: 24 TONS

1. COMPONENT  ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION ANI	ESTHERVILLE, IOWA	
4. PROJECT TITLE	READINESS CENTER	5. PROJECT NUMBER 190061

11. REQUIREMENT: <u>2273 SM</u> <u>25234SF</u> ADEQUATE: <u>0 SM</u> <u>0 SF</u> SUBSTANDARD: <u>1219 SM</u> <u>13544 SF</u>

<u>PROJECT</u>: This project will provide a new facility for Battery C 1-194 Field Artillery, which supports a current mission of the Iowa Army National Guard. The facility is being built in conjunction with the City of Estherville, who are proposing a community center auditorium and an aquatic center as part of the overall complex. There will be some shared common use spaces, and every means for securing the readiness center from unauthorized public access will be put into the design.

REQUIREMENT: Per NGB Pam 415-12 draft, this unit requires 2273 SM (25234 SF) of space, which is 86% more space than what is currently in use. The lowa Army National Guard, with the lowa Joint Services Reserve Components Facilities Board studied alternatives ranging from converting existing space and modification and upgrade to unilateral construction. No facilities adequate for a readiness center are available for lease in Estherville or the surrounding area. Expanding nearby facilities was ruled out due to the distance involved, since the closest unit is over 30 miles away. Expanding and upgrading the current facility is not possible due to the antiquated design and systems of the current facility, and site restrictions. The Board, upon studying all alternatives, recommended unilateral construction of a new facility. This project will be built on land already owned by the City of Estherville.

<u>CURRENT SITUATION</u>: The unit is making maximum use of their existing facility, while falling short in many critical areas, such as a decent kitchen, classrooms, unit supply, locker room, and administrative space. The unit is currently able to stage only one class at a time, and the full-time staff does not have the proper room to blend actual work space with document storage. The current facility was erected in 1950 as a maintenance facility and later modified with two flat wings. While adequate in its day, the deterioration of this facility has led to shortfalls in every functional area, as well as inadequate and inefficient heating, lighting, and electrical systems.

IMPACT IF NOT PROVIDED: The situation as described above often leads unit leaders to spend more time allocating insufficient space than actually providing the training, administration, and strength maintenance needed to keep the unit at its highest possible state of readiness. If required to continue in this facility, activities directly related to maintaining unit readiness will continue to decrease approximately to half of all available training time.

ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards do not address all of the current criteria incorporated in the readiness center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and used in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.

ANTI-TERRORISM FORCE PROTECTION: This project has been coordinated with the State anti-terrorism/physical security plan. Risk and threat analyses have been performed in accordance with DA PAM 190-51 and TM 5-853-1, respectively. Only the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) Certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

۸.	T/ED DOC:	SFC Todd Lilienthal	(515)252 4640	CFMO.	COL David B	Rogers (515)252	1216
А	T/FP POG:	: SEC TODO LIIIENTNAL	(515)/5/-4649	CHIVIC):	COL DAVIDE	Roders (5151/5/	-4.31h

1. COMPONENT FY 2002 GUARD AND RESE			ND RESERVE		2. DATE				
	ARN	IG		MILITARY CON	STRUCTION		lun 04		
3.	INSTAL	LATION		Jun 01					
	ESTHERVILLE, IOWA								
4.	PROJEC	CT TITLE	READINESS CENT	ED		5. PROJEC	T NUMBER		
			READINESS CENT				190061		
12.	SUPPLI	EMENTA	AL DATA:						
a.	ESTI	MATE	ED DESIGN DATA:						
	(1)	(b) (c) (d) (e) (f) (g)	DATE DESIGN STAFPERCENT COMPLEDATE DESIGN EXPEDATE DESIGN COMPARAMETRIC COSTYPE OF DESIGN CAN ENERGY STUDY	TE AS OF JANUARY ECTED TO BE 35% C IPLETE IS USED TO DEVELO		10 Dec Ser N Fixec	0% c-00 c-01 IO		
	(2) BASIS:  (a) STANDARD <sup>1</sup> OR DEFINITIVE <sup>2</sup> DESIGN - YES <u>X</u> NO  (b) WHERE DESIGN WAS MOST RECENTLY USED <sup>3</sup> NA						_		
	(3)	тот	AL DESIGN COST (c	)=(a)+(b) or (d)+(e):	(\$6	000)			
		(a) F	PRODUCTION OF PL	ANS AND SPECIFIC	ATIONS <sup>4</sup> 25	51.0			
		(b) A	ALL OTHER DESIGN	COSTS <sup>4</sup>		25.5			
		` '	TOTAL		•	76.5			
		` '				60.7			
		(e) I	IN-HOUSE			15.8			
	(4)	CON	NSTRUCTION CONTI	RACT AWARD DATE		Ма	ır-02		
	(5)	CON	NSTRUCTION START	-		Ap	or-02		
	(6)	CON	NSTRUCTION COMP	LETION DATE		Se (MONTH AND	p-03 D YEAR)		
b.			NT ASSOCIATED WAPPROPRIATIONS	ITH THIS PROJECT \	WHICH WILL BE PROVI	DED FRO	MC		
			IT	DDOOLIDING	FISCAL YEAR	000	_		
		UIPMEN NCLATU		PROCURING <u>APPROPRIATION</u>	APPROPRIATION OR REQUESTED	COST (\$000			
		ECOM		OMNG	FY 02		0		
	KITC	CHEN	EQUIPMENT	OMNG	FY 02	5	55		
	J-SII	DS		OPA	FY 02	1	0		
	PHY	SICAI	L FITNESS EQUIP	OMNG	FY 02	9	9		
	FUR	NITUI	RE	OMNG	FY 02	<u>3</u>	<u>80</u>		
	TOTAL 114								

1. COMPONENT	FY	2002	GUARD AND R	ESERVE		2. DATE
ARNG		MILITAF	RY CONSTRUC	TION		JUN 01
3. INSTALLATION A	ND LOCATION					4.AREA CONSTR COST INDEX
F	FORT RILEY, KANSA	AS				1.09
5. FREQUENCY AN	D TYPE OF UTILIZATION					
	CLE STORAGE FACILI G ASSEMBLY ONCE A		O STORE EQUIPMEN	NT 7 DAYS A V	VEEK, WITH A	A TWO-DAY
	GUARD/RESERVE INSTALL ORT RILEY	ATIONS WITHII			115,712 SF	1994
	IANHATTAN	_	READINESS CEN	ITER	22,463 SF	
USAR JI	UNCTION CITY	6 MILES	AFRC		13,733 SF	
7. PROJECTS REQ	UESTED IN THIS PROGRAI	И				
CATEGORY			COORE	COST (\$000)		DESIGN STATUS
CODE 85210	PROJECT TITLE ORGANIZATION	ONAL	<u>SCOPE</u> 10,602 SM	<u>(\$000)</u> 645	<u>START</u> 07/01	<u>COMPLETE</u> 10/01
	VEHICLE PAF		12,680 SY			
	SURFACED					
8. STATE RESERVE	FORCES FACILITIES BOA	RD RECOMME	NDATION			
_	DENTIFIED IN ITEM	_		_	_	
	CILITIES BOARD FO OMMENDATIONS A				76	17 OCT 00 Date
9. LAND ACQUISITION				<u> </u>		
NONE						0
						(Number of acres)
10. PROJECTS PLA	NNED IN NEXT FOUR YEAR	RS				
NONE						
RPM BACKL	OG (\$000): \$0					
	, , ,					
"A SITE SUR	VEY HAS BEEN CO	MPLETED	AND THE SITE IS	SUITABLE F	OR CONSTI	RUCTING
	SED PROJECT AT					

			<u> </u>						
1. COMPONENT	FY 200 <b>2</b> 5	UARD AND RESERVE	2. DATE						
ARNG	MILITAF	JUN 01							
3. INSTALLATION AND	LOCATION								
1 10	RT RILEY, KANSAS								
	40 1111 00								
11. PERSONNEL STRE		CHARD	/DECEDVE						
TO:	PERMANENT TAL OFFICER ENLISTED	·	<u>/RESERVE</u>						
<u> </u>	4 0 4	<u>CIVILIAN</u> <u>TOTAL</u> <u>OF</u> 0 117	FICER ENLISTED 6 111						
ACTUAL	4 0 4	0 117 Percentage = 100%	6 111						
		r ercentage = 10076							
12. RESERVE UNIT DA	ATA	STRENGTH							
	UNIT DESIGNATION		CTUAL						
	2 220.0.0.000								
74TH QUARTER	MASTER SUPPLY COMPANY	117	117						
UIC: WPNPAA	TPSN: 31167								
MTOE: 42447LN	IG03								
13. MAJOR EQUIPMEN	IT AND AIRCRAFT								
TYP	<u>E</u>	<u>AUTHORIZED</u> <u>ASSIGNED</u>							
WHEELED		9 9							
TRAILERS		33 33							
TRACKED		0 0							
EQUIPMENT >		98 98							
FUEL & M977 I		15 15							
HEMTT PLS/H	ET	0 0							
TOTAL		155 155							
14. OUTSTANDING PO	DLLUTION AND SAFETY DEFICIENCIES: (\$0	·							
A. AIR POLLU	TION	<u>(\$000)</u> NONE							
B. WATER PC		NONE NONE							
	ONAL SAFETY AND HEALTH	NONE							
I C. COCOFAII	ONAL DALLET AND HEALIT	INOINL							

1. COMPONENT  ARNG	I I 2002 GOARD AND RESERVE					2. date JUN 01	
3. INSTALLATION AND FORT		on , KANSAS		4. PROJEC		RK SURFAC	E
5. PROGRAM ELEMEN 0505896A	NT	6. CATEGORY CODE 85210	7. PROJECT NUMBER 200092A		8. PROJEC	ст соsт <b>645</b>	
			9. COST ESTIMATES		1		
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI OMS ADDITION OMS ALTERATION OMS ALTERATION OMS ALTERATION FORCE PROTECT SUPPORTING FACILITY SITE PREPARATE FINE GRADING PLANTING RIGID PAVING FLEXIBLE PAVING FENCING CONTAINMENT FLAGPOLE EXTERIOR FIRE DETACHED FACILITY OUTSIDE LIGHT FUEL DISPENSION UTIL'S:WATER'S SUBTOTAL CONTINGENCY TOTAL CONTRACT SUPERVISION, FEDERAL REQUINING STATE SHARE	ON CTION .CILITIES TION & SEED  NG E PROTE CILITY S TING (DE NG PAD SEWER/ (5%) CT COST INSPEC	ECTION IGN ELITE)		SM SF SM SF LS LS LS SM SY M FM SY LS LS SM SY M SY LS LS SM SY LS SLS SM SY LS SLS SM SY LS SLS SM SK SK SK SK SK SK SK SK SK SK SK SK SK	- - - 10,603 12,686 1,003 1,200 83( 2,72:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(39) (52) (444) (52) (52) (52)

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

Project consists of constructing a rigid paving organizational vehicle parking area at Fort Riley. Construction consists of site preparation, rigid concrete pavement, grading and seeding, outside lighting, and fencing. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

(0)

٩ir	Conditioning -	0 TONS

1. COMPONENT

ARNG

# FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

**JUN 01** 

3. INSTALLATION AND LOCATION

FORT RILEY, KANSAS

4. PROJECT TITLE

5. PROJECT NUMBER

200092A

ORG

11. REQUIREMENT: 10,602 SM

ORG PARK SURFACE

12,680 SY ADEQUATE:

0 SM 0 SY SUBSTANDARD: 0 SM

<u>0</u>SF

<u>PROJECT</u>: This project is to provide an 117-person unit with surfaced vehicle parking for the units organizational equipment. Location is on 100 acre Federally-owned site. This work is to provide mission support in accordance with the Army National Guard Division Redesign Study (ADRS).

<u>REQUIREMENT</u>: A 13,518 SY vehicle parking facility constructed of concrete pavement is required to adequately provide readiness for the unit housed at this facility with military vehicle parking for organizational vehicles assigned to these units due to ADRS.

<u>CURRENT SITUATION</u>: This is a new facility. With new stationing of the unit, there is a need of the new facility to meet new mission requirements. The mission of the unit has changed resulting in an increase in vehicles and training requirements. Military vehicle parking in the area of the proposed new facility currently does not exist.

<u>IMPACT IF NOT PROVIDED</u>: The units will not meet the requirements of their new mission under ADRS, and will lack the ability to meet readiness, recruiting, retention, and training objectives. Delays in the funding of this project will force the use of an inadequate parking, and increase maintenance of parking areas due to deterioration from large vehicles. The lack of proper and adequate military vehicle parking will impair the attainment of required mobilization readiness levels.

ADDITIONAL: This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of Draft National Guard Pamphlet 415-12, 1 January 2000, and Design Guide 415-1, 1 Jan 2000. The most similar DoD standards for organizational vehicle parking construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.

<u>JUNIT OUR CENTIFICATION.</u> The Deputy Assistant Secretary of Army (Installations and Flousing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: SFC CHARLIE KUHN/785-274-1125 CFMO: COL JAMES STEWART/785-274-1145

1. COMPONENT	FY 2002 GUARD AND RESERVE		2. DATE						
ARNG	MILITARY CONSTRUCTION		JUN 01						
3. INSTALLATION AND LOCATION FORT RILEY, KANSAS									
4. PROJECT TITLE ORG	G PARK SURFACE		ECT NUMBER 200092A						
12. SUPPLEMENTAL D	ATA:								
a. ESTIMATE	DESIGN DATA:								
(b) P (c) D (d) D (e) P (f) Al	JS: ATE DESIGN STARTED ERCENT COMPLETE AS Of 1 JANUARY 2001 ATE DESIGN EXPECTED TO BE 35% COMPLETE ATE DESIGN COMPLETE ARAMETRIC COSTS USED TO DEVELOP COSTS N ENERGY STUDY AND LIFE CYCLE COST ANALYSIS VILL BE DOCUMENTED DURING FINAL DESIGN.	- - - -	07/01 NA 08/01 10/01 NO						
` '	: TANDARD OR DEFINITIVE DESIGN - YES /HERE DESIGN WAS MOST RECENTLY USED	NO_	X NA						
(a) PI (b) AI (c) TC (d) C	L DESIGN COST (c)=(a)+(b) or (d)+(e): RODUCTION OF PLANS AND SPECIFICATIONS LL OTHER DESIGN COSTS DTAL DNTRACT -HOUSE	<u>-</u> - (	(\$000) ( 0 ) ( 0 ) 53.7 53.6 ) ( 0 )						
(4) CONS	STRUCTION START	_	11/01						
(5) CONS	STRUCTION COMPLETION DATE	(MON	11/02 TH AND YEAR)						
	IT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROPRIATIONS	OVIDE	O FROM						
EQUIPMENT NOMENCLATURE NONE	FISCAL YEAR PROCURING APPROPRIATION APPROPRIATION OR REQUESTED		COST (\$000)						

1. COMPONENT		FY 2002 (	GUARD AND R	ESERV	E	2. DATE
ARNG	Jun 01					
3. INSTALLATION AND	4. AREA CONSTR COST INDEX					
CAR	/ILLE (ZACHAR	Y), LOUISIAN	IA			0.89
5. FREQUENCY AND NORMAL ADM	–		ER WEEK, WITH	A TWO-E	DAY TRAINING	ASSEMBLY
6. OTHER ACTIVE/GU	JARD/RESERVE INSTA	ALLATIONS WITHIN	N 15			
ARNG BAKE ARNG BATO USAR BATO		1 MILE 5 MILES 5 MILES	READINESS CEI READINESS CEI READINESS CEI	NTER	16,907 SF 22,714 SF 20,542 SF	1984 1975 1978
7. PROJECTS REQUE	STED IN THIS PROGR	AM				
CATEGORY				COST	DESIG	N STATUS
<u>CODE</u> 17180	PROJECT TIT READINES	<u>LE</u> SS CENTER	SCOPE 5,741 SM 61,799 SF	( <u>\$000)</u> 5,677		COMPLETE Aug-01
8. STATE RESERVE F FACILITIES IDE			NDATION EEN EXAMINED E	BY THE S	STATE RESER	:VE
			E JOINT USE/EXF	PANSION	I. THE BOARD	
RECOMMENDA	HONS ARE UNI	LATERAL CO	DNSTRUCTION.			27 Jan 00 Date
9. LAND ACQUISITION NONE	N REQUIRED					0
NONE						(Number of acres)
10. PROJECTS PLAN	NED IN NEXT FOUR YE	EARS				
RPM BACKLOG	(\$000): \$0					
			AND THE SITE IS			STRUCTION

1. COMPONENT FY 2002 GUARD AND RESERVE									2. DATE	
ARNG	MILITARY CONSTRUCTION								Jun 01	
3. INSTALLATION AND	LOCATION									
CA	RVILLE (Z	ACHARY	), LOUISIAN	1A						
11. PERSONNEL STRI	ENGTH AS OF		27-Jan-00							
ļ		PERMA	<del></del>	On all IANI			JARD/RE			
		OFFICER 4	ENLISTED 25	CIVILIAN		TOTAL	OFFIC		ENLISTED 196	
AUTHORIZED ACTUAL	29 14	4 1	25 13	0 0		249 228	63 43		186 185	
ACTUAL	14	ı	13	Percer	ntage=	226 91.57%		,	100	
12. RESERVE UNIT D	ATA				<u> </u>					
						<u>STRENGTH</u>				
UNIT DESIGNATION						AUTHORIZED	<u>ACTU</u>	<u>JAL</u>		
HEADQUARTERS SUPPORT COMPANY 415th MILITARY INTELLIGENCE BATTALION (LINGUIST) UIC: WYT3TO TPSN: 33412						55	75	i		
COMPANY A, 419 (LINGUIST) UIC: WYT3AO	I	72	50	ı						
COMPANY B, 419 (LINGUIST) UIC: WYT3BO	İ	72	67	,						
COMPANY C, 41 (LINGUIST) UIC: WYT3CO			LLIGENCE	BATTALION	1	50	36	ì		
TOTAL						249	228	 3		
13. MAJOR EQUIPMEN	NT AND AIRCR	AFT								
TYP WHEELED VEH TRAILERS TOTAL						17 7 ——————————————————————————————————	ASSIG 17 7 —————————————————————————————————	<b>,</b>		
14. OUTSTANDING PO	OLLUTION ANI	D SAFETY D	EFICIENCIES (\$	6000):						
A. AIR POLLU B. WATER PO C. OCCUPATIO	LLUTION	ETY ANI	D HEALTH			NONE NONE				

1. COMPONENT  ARNG	FY 2002 GUARD AND RESERVE								2. DATE Jun 01	
3. INSTALLATION AND LOCATION CARVILLE (ZACHARY), LOUISIANA 4. PROJ						ECT TIT		SS CENTE	ER	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PR 17180				PROJECT NUMBER 8. PROJE 220008			8. PROJECT	CT COST 5,677		
			D. COST ESTIMATES							
ITEM						U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY									6,293	
PRIMARY FACILITY						SM SF	5, <b>741</b> 61,799	1,027 95	(5894)	
FLAMMABLE MATs STORAGE						SM	14	711	(10)	
CONTROLLED WASTE HAND FAC						SF SM SF	150 <b>14</b> 150	64 711 64	(10)	
ENERGY SYSTEM FORCE PROTECTION						LS LS	-	-	(190) (190)	
SUPPORTING FACILITIES SITE PREPARATION FINE GRADING & SEEDING PLANTING RIGID PAVING						LS LS LS SM	- - - 2,436	- - - 60	867 (50) (25) (131) (145)	
FLEXIBLE PAVING						SY SM	<sup>2,900</sup> <b>5,856</b>	50 30	(174)	
FENCING						sy M	6,972 <b>166</b>	25 <b>49</b>	(8)	
SIDEWALKS						LF M SF	544 546 1,800	15 16 5	(9)	
FLAGPOLE EXTERIOR FIRE PR DETACHED FACILIT OUTSIDE LIGHTING FUEL STORE & DISI WASH PLATFORM UTIL'S:WATER/SEW SUBTOTAL CONTINGENCY (5%	Y SIG PENSI 'ER/G )	ING SYS				LS LS LS LS LS	- - - - -	- · · · · · · · · · · · · · · · · · · ·	(5) (25) (5) (75) (80) (65) (70) <b>7,161</b> 358	
TOTAL PROJECT COST									7,519	
SUPERVISION, INSPECTION & OVERHEAD (1.37%) TOTAL REQUEST									103 <b>5,677</b>	
	STATE SHARE								(1945)	

<sup>10.</sup> DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIP PROVIDED FROM OTHER APPR (NON-ADD)

A specially designed armory of permanent masonry type construction, brick and concrete block units with concrete floors, and a standing-seam metal roof. A two-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.

(95)

AIR CONDITIONING · 50 TONS

1. COMPONENT  ARNG	2. DATE  Jun 01	
3. INSTALLATION AND CARVIL	LE (ZACHARY), LOUISIANA	
4. PROJECT TITLE	READINESS CENTER	5. PROJECT NUMBER 220008
11 REQUIREMENT:	5.741 SM 61.799 SF ADEQUATE: NA SUBSTANDARD: NA	

<u>PROJECT:</u> This project provides a 252-person readiness center, of permanent type construction, to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on state land. (Current Mission)

<u>REQUIREMENT:</u> A 61,799 SF armory is required to adequately provide the units housed in this facility with administrative, supply, classroom, locker, latrine, and kitchen space.

<u>CURRENT SITUATION:</u> The 415th Military Intelligence Battalion's units are located in an inadequate, leased facility. The units are housed in a facility consisting of converted warehouse space leased from the Louisiana Department of Transportation and Development. No arms vault is available and unit weapons and sensitive items are currently stored at another LAARNG Readiness Center arms vault. The original lease period has expired and the State has requested the return of the occupied building space. The facility is inadequate to support the housed units due to insufficient administrative, training, kitchen, hygiene and storage areas. With the construction of a new Readiness Center, the current facility will revert to the State.

IMPACT IF NOT PROVIDED: The unit's ability to meet it's readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the proper facilities that they critically need. The present facility deficiencies will continue to negatively impact unit readiness and morale. Valuable classroom and advanced technological linguistic capabilities will continue to be unavailable for Mission Essential Tasks necessary for maintaining proficiency in languages from countries with high risk conflict potential. The lack of adequate administrative, training and storage areas will continue to impair the unit readiness levels.

ADDITIONAL: This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense Anti-Terrorism /Force Protection Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1998 and Design Guide 415-1 dated 1 Jan 2000. The most similar DoD standards do not address all of the current criteria incorporated in the standard readiness center design. Historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

<u>JOINT USE CERTIFICATION</u>: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

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	MPONEN	NT		002 GUARD AN			2. DATE  Jun 01
3. IN			LOCATION VILLE (ZACHARY), LO	UISIANA			
4. PR	OJECT T		DINESS CENTER			5. PROJECT 2200	
12. SL	JPPLEME	NTAL D	DATA:			<b>'</b>	
a. E	STIMA	TED I	DESIGN DATA:				
(1	(a) (b) (c) (d) (e)	PE DA DA PA AN	S: TE DESIGN STARTED RCENT COMPLETE A TE DESIGN EXPECTE TE DESIGN COMPLETE RAMETRIC COSTS US ENERGY STUDY AND LL BE DOCUMENTED	S OF 1 JANUARY ED TO BE 35% CO TE SED TO DEVELOF LIFE CYCLE COS	MPLETE COSTS T ANALYSIS	Sep- 35° Jan- Aug- NO	% 99 -01
(2	´ (a)		ANDARD OR DEFINIT IERE DESIGN WAS M		/ES JSED	NO X	
(3	(a) (b) (c) (d)	PRO ALL TOT COI	DESIGN COST (c)=(a) DDUCTION OF PLANS OTHER DESIGN COS TAL NTRACT HOUSE	S AND SPECIFICAT	TIONS	(\$00 429 214 644 644 ( 0	.5 .5
(4	4) C(	TRNC	RUCTION START			Jan-	02
(!	5) C(	ONST	RUCTION COMPLET	ION DATE		Sep-	
			ASSOCIATED WITH TROPRIATIONS	THIS PROJECT W	HICH WILL BE PRO	VIDED FRO	M
<u>N</u>	EQUIPM OMENCL			PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COS (\$00	
J	(ITCHE -SIIDS ELCOI		UIPMENT	OMNG OMNG OMNG	FY 03 FY 03 FY 03	75 5 15 TOTAL 95	5

1. COMPONENT		FY 2002	<b>GUARD AND RES</b>	ERVE		2. DATE	
ARNG		MILITA	ARY CONSTRUCTION	ON			Jun 01
3. INSTALLATION AND	 	D (PINEVILL	E) , LOUISIANA			4.AREA C COST IND	
		VE DAYS PE	R WEEK, WITH A TWO	-DAY TRAINI	NG ASS	SEMBLY	TWO OR
6. OTHER ACTIVE/GU	IARD/RESERVE INSTALL	ATIONS WITHIN	15 MILE RADIUS				
	LL EXANDRIA LFAX	5 MILES 8 MILES 26 MILES	NGB TNG A READINESS READINESS	CENTER	93,000 12,217 14,382	'SF	1955 1954 1984
7. PROJECTS REQUE	STED IN THIS PROGRAI	М					
CATEGORY <u>CODE</u> 17180	PROJECT TITLE READINESS CEN	NTER	<u>SCOPE</u> 4,918 SM 52,943 SF	cost (\$000) 5,392	STAR <sup>-</sup> May-9	<u>r</u>	STATUS <u>COMPLETE</u> May-01
0. 07475 05050/5		MENDATION					
FACILITIES IDE FORCES FACIL		#6 HAVE BE R POSSIBLE	EN EXAMINED BY THE JOINT USE/EXPANSION NSTRUCTION.				27 JAN 00 Date
9. LAND ACQUISITIO NONE	N REQUIRED						0 Number of acres)
	NED IN NEXT FOUR YEA	RS					
NONE							
RPM BACKLO	G (\$000):	\$93,028					
			AND THE SITE IS SUITED COST INDICATED."	TABLE FOR (	CONSTR	RUCTING	G THE

2. DATE 1. COMPONENT FY 2002 **GUARD AND RESERVE ARNG** Jun 01 **MILITARY CONSTRUCTION** 3. INSTALLATION AND LOCATION CAMP BEAUREGARD (PINEVILLE), LOUISIANA 11. PERSONNEL STRENGTH AS OF: 1-Aug-00 **GUARD/RESERVE PERMANENT TOTAL** OFFICER ENLISTED CIVILIAN **TOTAL** OFFICER **ENLISTED** AUTHORIZED 14 11 0 258 33 225 3 ACTUAL 30 209 14 3 11 0 239 Percentage= 92.64% 12. RESERVE UNIT DATA STRENGTH **UNIT DESIGNATION** <u>AUTHORIZED</u> **ACTUAL** HEADQUARTERS, COMPANY 87 93 225TH ENGINEER GROUP (COMBAT) (HEAVY) UIC: WP66AA TPSN: 31321 MTOE: 05412LNG04 171 146 **COMPANY A - 527TH ENGINEER COMBAT** BATTALION, HEAVY TPSN: 21364 UIC: WTQ3A0 MTOE: 05415LNG96 0 0 239 **TOTAL** 258 13. MAJOR EQUIPMENT AND AIRCRAFT **TYPE AUTHORIZED ASSIGNED WHEELED** 66 64 **TRAILERS** 31 31 **TRACKED** 7 7 EQUIPMENT > 30-FT 11 11 **FUEL & M977 HEMMT** 3 3 **HEMTT PLS/HET** 0 TOTAL 118 \* Remainder stationed at MATES 14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A. AIR POLLUTION NONE **B. WATER POLLUTION** NONE C. OCCUPATIONAL SAFETY AND HEALTH **NONE** 

1. COMPONENT		GUARD AN			2. DATE
ARNG	MILITA	Jun 01			
3. INSTALLATION AN	D LOCATION				
0	AMD DE ALIDEO ADD (DINE)	/!!! [	CIANIA		
	AMP BEAUREGARD (PINE)	/ILLE) , LOUI	SIANA		
11. PERSONNEL STR	RENGTH AS OF:1-Aug-00 /CONTIN				
T	<u>PERMANEN</u> OTAL <u>OFFICER ENLIS</u>		ı		<u>RESERVE</u> ICER ENLISTED
AUTHORIZED	OTAL OTTIOER LINES	TED OIVILIA	<u>.</u>	TOTAL OIT	IOLIX LINCIOTED
ACTUAL					
12. RESERVE UNIT I	DATA				
				STRENGTH	
	<u>UNIT DESIGNATION</u>		AUTHORIZED	<u>ACT</u>	<u>UAL</u>
Not applica	able see page 2		0		0
			0		0
			0		0
* LINITO THAT MILES	TTRAIN ON THE SAME WEEKEND	SUB-TOTAL	0		0
UNITS THAT MUST	TRAIN ON THE SAME WEEKEND				
40. MA IOD FOLUDA	THE AND AIDODAFT	(CONTINUE	D)		
13. MAJOR EQUIPME T	<u>/PE</u>	<u>AUTHORI</u>	<u>ZED</u>	ASSIGNI	<u>ED</u>
14. OUTSTANDING F	POLLUTION AND SAFETY DEFICIENCE	ES: (\$000)			

1. COMPONENT	FY 2002 GUARD AND RESERVE		2 DATE						
ARNG	MILITARY CONSTRUCTION		Jun 01						
ARING	WILLIARY CONSTRUCTION		Juli 01						
3. INSTALLATION AN	3. INSTALLATION AND LOCATION CAMP BEAUREGARD (PINEVILLE) , LOUISIANA								
4. PROJECT TITLE		5. PROJI	ECT NUMBER						
	READINESS CENTER		220104						
11. REQUIREMENT:	4,918 SM 52,943 SF ADEQUATE: NA SM 0 SF SUBSTA	NDARD:	3,128 SM 33669 SF						
PROJECT: THE	nis project provides a 258-person readiness center, of permanent type	e constr	uction, to serve the						
peace time mis	ssions of the assigned unit. The space will permit all personnel to pe	rform th	e necessary tasks						
that will improv	ve the units readiness posture. The site of the project is on state land	d. (Curr	ent Mission)						
	NT: A 4,918 SM (52,943 SF) Readiness Center is required to adequa		vide the units housed						
	vith administrative, supply, classroom, locker, latrine, and kitchen space								
	TUATION: The individuals assigned to this facility drill in overcrowde								
	pineer Group and the Headquarters Company are located in two sepa								
	s were built in 1941 and are not cost effective to rehabilitate. Compar an Readiness Center scheduled to be occupied by a unit of the 773rd	,							
•	the new armory.	. IIIese	above listed utilis						
	DT PROVIDED: The units' ability to meet its readiness, recruiting and	retentio	n and training						
	continue to be adversely affected if the personnel are not provided wi		_						
	need. Delays in the funding of this project will force the continued use		•						
	y and the present facility's deficiencies will continue to negatively imp								
	ack of proper and adequate training, storage and administrative areas equired mobilization readiness levels.	s will co	ntinue to impair the						
ADDITIONAL:	This project has been coordinated with the state physical security of								
•	been performed in accordance with DA Pam 190-51 and TM 5-853-	•	•						
	mbating terrorism measures other than the minimum standards requi								
•	Defense AT/FP Construction Standards" and those physical security								
-	d design guides for protecting Federal property are required. This pro	-							
_	teria of National Guard Pamphlet (Draft) 415-12 dated 1 July 2000 ar								
	he most similar DoD standards for readiness center construction do o prated in the Army National Guard Readiness Center design and thus								
	erefore, state historical costs for construction of like facilities were use								
	adjusted for size, fiscal year and location. An economic analysis has		•						
	nis project. Alternative methods of meeting this requirement have been		•						
_	This project is the only feasible option to meet the requirement.	оп одрас	roa admig project						
	ERTIFICATION: The Deputy Assistant Secretary of the Army (Installa	ations a	nd Housing) certifies						
	t has been considered for joint use potential. Mission requirements,		<u> </u>						
and location a	re incompatible with use by other components.								

AT/FP POC: COL T. RODRIQUE Jr. (504) 278-8383

CFMO: LTC MONCONDUIT (504)-278-8423

1. COMPONENT   FY 2002 GUARD AND RESERVE   Jun 01					
3. INSTALLATION AND LOCATION CAMP BEAUREGARD (PINEVILLE), LOUISIANA  4. PROJECT TITLE READINESS CENTER  2. SUPPLEMENTAL DATA:  (1) STATUS: (a) DATE DESIGN STARTED (b) PERCENT COMPLETE AS OF 1 JANUARY 2001 (c) DATE DESIGN EXPECTED TO BE 35% COMPLETE (d) DATE DESIGN COMPLETE (e) PARAMETRIC COSTS USED TO DEVELOP COSTS (f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.  (2) BASIS: (a) STANDARD OR DEFINITIVE DESIGN - YES NO X (b) WHERE DESIGN WAS MOST RECENTLY USED  (c) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (d) PRODUCTION OF PLANS AND SPECIFICATIONS (e) IN-HOUSE (f) CONTRACT (g) IN-HOUSE (g) IN-HOUSE (h) CONSTRUCTION START  (g) CONSTRUCTION START  (g) CONSTRUCTION START  (g) CONSTRUCTION COMPLETION DATE  (h) CONSTRUCTION START  (h) CONSTRUCTION COMPLETION DATE  (h) CONSTRUCTION COMPLETION OR PPROPRIATION  (h) CONSTRUCTION COMPLETION COMPLETION COMPLETION COMPLETION COMPLETION COMPLETION COMPLETION COMPLETION COM					
### READINESS CENTER		MILITARY	CONCINCOTION		
READINESS CENTER   220104	3. INSTALLATION AN		, LOUISIANA		
(1) STATUS:  (a) DATE DESIGN STARTED  (b) PERCENT COMPLETE AS OF 1 JANUARY 2001  (c) DATE DESIGN EXPECTED TO BE 35% COMPLETE  (d) DATE DESIGN EXPECTED TO BE 35% COMPLETE  (e) PARAMETRIC COSTS USED TO DEVELOP COSTS  (f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.  (2) BASIS:  (a) STANDARD OR DEFINITIVE DESIGN - YES NO  (b) WHERE DESIGN WAS MOST RECENTLY USED  (c) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e)  (d) PRODUCTION OF PLANS AND SPECIFICATIONS  (e) IN-HOUSE  (f) TOTAL  (g) TOTAL  (h) CONTRACT  (g) IN-HOUSE  (h) CONSTRUCTION START  (h) CONSTRUCTION START  (h) CONSTRUCTION COMPLETION DATE  EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATION  EQUIPMENT PROCURING APPROPRIATION COST OTHER APPROPRIATION  EQUIPMENT PROCURING APPROPRIATION COST OTHER APPROPRIATION  EQUIPMENT PROCURING APPROPRIATION COST OF OTHER APPROPRIATION COST OF OTHER APPROPRIATION  EQUIPMENT PROCURING APPROPRIATION COST OF OTHER APPROPRIATION COST OF OTHER APPROPRIATION COMPLETED (\$000)  KITCHEN EQUIPMENT OMNG FY 03 115  JSIIDS OMNG FY 03 115  JSIIDS OMNG FY 03 100	4. PROJECT TITLE	READINESS CENTER		5. PROJE	
(1) STATUS:  (a) DATE DESIGN STARTED  (b) PERCENT COMPLETE AS OF 1 JANUARY 2001 65%  (c) DATE DESIGN EXPECTED TO BE 35% COMPLETE Oct-00  (d) DATE DESIGN COMPLETE May-01  (e) PARAMETRIC COSTS USED TO DEVELOP COSTS MAY-01  (f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.  (2) BASIS:  (a) STANDARD OR DEFINITIVE DESIGN - YES NO X  (b) WHERE DESIGN WAS MOST RECENTLY USED NA  (3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000)  (a) PRODUCTION OF PLANS AND SPECIFICATIONS 408.2  (b) ALL OTHER DESIGN COSTS 204.1  (c) TOTAL 612.3  (d) CONTRACT 9.0% 612.3  (e) IN-HOUSE 0.09  (4) CONSTRUCTION START May-02  (5) CONSTRUCTION START May-02  (6) CONSTRUCTION COMPLETION DATE Sep-03  (I) CONSTRUCTION COMPLETION DATE Sep-03  (I) CONSTRUCTION START May-02  (5) CONSTRUCTION COMPLETION DATE Sep-03  (I) CONTRUCTION COMPLETION DATE Sep-03  (I) CONTRUCTION COMPLETION DATE Sep-03  (I) CONSTRUCTION COMPLETION OR POLOSITED (\$000)  (I) CONSTRUCTION COMPLETION OR REQUESTED (\$000)  (I) CONTRUCTION COMPLETION	12. SUPPLEMENTAL	DATA:			
(a) DATE DESIGN STARTED (b) PERCENT COMPLETE AS OF 1 JANUARY 2001 (c) DATE DESIGN COMPLETE AS OF 1 JANUARY 2001 (d) DATE DESIGN COMPLETE (d) DATE DESIGN COMPLETE (e) PARAMETRIC COSTS USED TO DEVELOP COSTS (f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.  (2) BASIS: (a) STANDARD OR DEFINITIVE DESIGN - YES NO X (b) WHERE DESIGN WAS MOST RECENTLY USED NA  (3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000) (a) PRODUCTION OF PLANS AND SPECIFICATIONS 408.2 (b) ALL OTHER DESIGN COSTS 204.1 (c) TOTAL 612.3 (d) CONTRACT 9.0% 612.3 (e) IN-HOUSE (0) - (0) - (0) - (0) - (0) - (0)  (4) CONSTRUCTION START May-02  (5) CONSTRUCTION COMPLETION DATE Sep-03  (6) EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS  EQUIPMENT PROCURING APPROPRIATION COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  KITCHEN EQUIPMENT OMNIG FY 03 115  J-SIIDS OMNIG FY 03 115  J-SIIDS OMNIG FY 03 110  TELECOM OMNIG FY 03 100	a. ESTIMATED	DESIGN DATA:			
(a) STANDARD OR DEFINITIVE DESIGN - YES NO X (b) WHERE DESIGN WAS MOST RECENTLY USED NA  (3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000) (a) PRODUCTION OF PLANS AND SPECIFICATIONS 408.2 (b) ALL OTHER DESIGN COSTS 204.1 (c) TOTAL 612.3 (d) CONTRACT 9.0% 612.3 (e) IN-HOUSE (0) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	(a) DAT (b) PEF (c) DAT (d) DAT (e) PAF (f) AN E	TE DESIGN STARTED  RCENT COMPLETE AS OF 1 JANUA  TE DESIGN EXPECTED TO BE 35%  TE DESIGN COMPLETE  RAMETRIC COSTS USED TO DEVELE  ENERGY STUDY AND LIFE CYCLE O	COMPLETE  LOP COSTS  COST ANALYSIS	65% Oct-00 May-01	- - - -
(a) PRODUCTION OF PLANS AND SPECIFICATIONS (b) ALL OTHER DESIGN COSTS (c) TOTAL (d) CONTRACT (e) IN-HOUSE  (d) CONSTRUCTION START  (e) IN-HOUSE  (f) CONSTRUCTION COMPLETION DATE  (g) CONSTRUCTION COMPLETION DATE  (h) EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS  EQUIPMENT PROCURING APPROPRIATION COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000) KITCHEN EQUIPMENT OMNG FY 03 75  FURNITURE OMNG FY 03 115  J-SIIDS OMNG FY 03 100  TELECOM OMNG FY 03 100	(a) STA	ANDARD OR DEFINITIVE DESIGN -			- -
(5) CONSTRUCTION COMPLETION DATE  Sep-03 (MONTH AND YEAR)  b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATION COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000) KITCHEN EQUIPMENT OMNG FY 03 75 FURNITURE OMNG FY 03 115 J-SIIDS OMNG FY 03 10 TELECOM OMNG FY 03 100	(a) PR( (b) ALL (c) TOT (d) CO	ODUCTION OF PLANS AND SPECIF . OTHER DESIGN COSTS FAL NTRACT	ICATIONS	408.2 204.1 612.3 612.3	- - - -
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATION COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  KITCHEN EQUIPMENT OMNG FY 03 75  FURNITURE OMNG FY 03 115  J-SIIDS OMNG FY 03 10  TELECOM OMNG FY 03 100	(4) CONS	STRUCTION START	_	May-02	_
OTHER APPROPRIATIONS  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATION COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  KITCHEN EQUIPMENT OMNG FY 03 75  FURNITURE OMNG FY 03 115  J-SIIDS OMNG FY 03 10  TELECOM OMNG FY 03 100	(5) CONS	STRUCTION COMPLETION DATE	(M		<del>-</del> 3)
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	NOMENCLAT KITCHEN EQI FURNITURE J-SIIDS	URE APPROPRIATION UIPMENT OMNG OMNG OMNG	APPROPRIATION OR REQUESTED FY 03 FY 03 FY 03 FY 03 FY 03	(\$000) 75 115 10 100	

1. COMPONENT	-						2. DATE
ARNG		F		UARD AN RY CONST			Jun 01
3. INSTALLATIO	N AND LOCA	TION					4.AREA CONSTR COST INDEX
В	ANGOR	INTERNAT	TONAL AIRI	PORT, BANG	GOR, ME		1.07
ASSEMB	L ADMIN LY TWO	ISTRATION OR THREE	N FIVE DAY: TIMES PER	MONTH.		TWO-DAY TRAIN	NING
6. OTHER ACTI\	/E/GUARD/R	ESERVE INSTA	ALLATIONS WITH	IIN 15 MILE RADI	US		
	ANGOR REWER	AFRC		3 MILES 5 MILES			F 1992 F 1942
7. PROJECTS R CATEGO CODE	RY	IN THIS PROGE		SCOPE	COST (\$000)		GN STATUS  COMPLETE
21110		ARMY AV	— IATION Γ FACILITY	61,762 SF	, ,		Sep-00
STATE RESERVE FACILITIES RESERVE F	IDENTIE	TED IN ITE	M #6 HAVE	BEEN EXAN	MINED BY	THE STATE /EXPANSION. T	HE OCT 2000
BOARD REG	COMMEN	IDATIONS A	ARE UNILA	TERAL CON	STRUCTIO:	N.	Date
). LAND ACQUIS NONE	SITION REQU	IRED				-	(Number of acres)
IO. PROJECTS F	PLANNED IN	NEXT FOUR YE	EARS				
<u>FY</u> <u>L</u>	OCATIO	<u>N</u>	PROJECT	TITLE		ESTIMATED C	OST (\$000)
2003 B	ANGOR,	ME	ARMY AVI SUPPORT	ATION FACILITY F	PHASE II	\$12,911	
RPM BACI	KLOG (\$0	000):	\$0				
						ITABLE FOR ATED COST IND	ICATED."

# REVISED 29 JUN 2000

1. COMPONENT			000 0114		D DECEDIA		2. DATE	
ARNG					D RESERVE	•	Jun	01
		IVI	ILIIAKI	JUNSI	ROCTION			
3. INSTALLATION AN	ND LOCATION							
	BANGO	OR INTERN	NATIONAL A	AIRPOR	T, BANGOR, M	E		
11. PERSONNEL ST	RENGTH AS O	F: 01 JAN 9	9					
			<u>ANENT</u>			·	JARD/RESERV	
	TOTAL		<u>ENLISTED</u>	CIVILIA	<u>AN</u>	TOTAL	<u>OFFICER</u>	ENLISTED
AUTHORIZED ACTUAL	78 22	17 2	61 20	0 0		293 257	90 68	203 189
ACTUAL	22	2	20	U	Percentage =		00	109
12. RESERVE UNIT	DATA							
						STREN		
	<u>UNI</u>	IT DESIGNAT	<u>ION</u>			AUTHORIZED	<u>ACTUAL</u>	
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		,	CCNUM: I					
UIC: WO	QKAA		TPSN: 32	755				
	400TH AV	//ATION AI		055)///	<b>&gt;</b> =	4.4	0.4	
COMPANY E	, 1201H AV 1428LNG02		CCNUM: I			44	24	
	1420LNG02 /MKAA	•	TPSN: 30					
				0_0				
COMPANY C						61	58	
	1205ANG01		CCNUM: I					
UIC: WV	/7QC3		TPSN: 03	038				
OPERATION.	AL SUPPO	RT AIRLIF	T DETACHN	/IENT		8	6	
	GW7Y4AA		CCNUM: I					
UIC: W7	Y414		TPSN: 46					
				SUBTO	TAL	264	229	
13. MAJOR EQUIPM	IENT AND AIRC <u>TYPE</u>	RAFT			AUTHORIZED		ASSIGNED	
	UH-60				15	2 2	15	
	UH-1				15		15	
	OH-58				4		4	
	C-12 C				1		1	
14. OUTSTANDING	POLLUTION AN	ID SAFETY DEF	FICIENCIES: (\$0	00)				
			•		<u>(\$000)</u>			
A. AIR POLL					NONE			
B. WATER P C. OCCUPA					NONE NONE			
J. 0000FA	HONAL OF	LII ANL	, IILALIII		INOINE			

# REVISED 29 JUN 2000

	Τ				0.0475	
1. COMPONENT		002 GUARD ANI	_		2. DATE	04
ARNG	MI	LITARY CONST	RUCTION		Jun	UI
3. INSTALLATION AND	LOCATION				ı	
	BANGOR INTERN	IATIONAL AIRPORT	, BANGOR, ME			
11. PERSONNEL STR	ENGTH AS OF: 01 JAN 9	9 (continu	ed)			
		ANENT	•		ARD/RESER	<u>VE</u>
ALITHODIZED	TOTAL OFFICER	ENLISTED CIVILIA	<u>TOTAL</u>		<u>OFFICER</u>	ENLISTED
AUTHORIZED ACTUAL						
12. RESERVE UNIT D	DATA		0.7	DENO		
	UNIT DESIGNAT	ION	<u>ST</u> AUTHORIZ	<u>RENG</u> 'FD	·	
	<u>5.11. 5251614/11</u>	<del></del>	<u>//C11101/12</u>			
	ITERDICTION DETA			6	6	
MTOE NG		CCNUM: NG0196 TPSN: 46769				
OIC. W/ 1	TAA	1FSN. 40709				
FLIGHT SURG	SEONS DETACHMEN	NT 3		4	4	
MTOE		CCNUM:				
UIC: W8A	A4A3	TPSN:				
STATE AREA	COMMAND AVIATIO	)N		3	3	
MTOE		CCNUM:				
UIC: W8A	A4AA	TPSN:				
13. MAJOR EQUIPME	NT AND AIDCDAET	SUBTO <sup>-</sup>	TAL	13	13	
	YPE		<u>AUTHORIZED</u>	A	ASSIGNED	
14. OUTSTANDING PO	OLLUTION AND SAFETY DEF	ICIENCIES:				

1. COMPONENT	EV 2002 CHARD AND	DECEDVE	2. DATE
ARNG	FY 2002 GUARD AND MILITARY CONSTR		Jun 01
3. INSTALLATION AND	) LOCATION		
	BANGOR INTERNATIONAL AIRPORT,	BANGOR, ME	
11. PERSONNEL STR	EENGTH AS OF: 01 JAN 99 (continue PERMANENT		ARD/RESERVE
AUTHORIZED ACTUAL	TOTAL OFFICER ENLISTED CIVILIAN	<u>TOTAL</u>	OFFICER ENLISTED
12. RESERVE UNIT D	 DATA		
	UNIT DESIGNATION	<u>STRENG</u> <u>AUTHORIZED</u>	<u>TH</u> <u>ACTUAL</u>
COMPANY E, MTOE UIC: WVN	120TH AVIATION (ATS) DETACHMENT 1 CCNUM: MKA1 TPSN:	16	15
			0
		SUBTOTAL         16           TOTAL         293	15 <b>257</b>
13. MAJOR EQUIPME	NT AND AIRCRAFT YPE	<u>AUTHORIZED</u> <u>A</u>	<u>SSIGNED</u>
14. OUTSTANDING PO	OLLUTION AND SAFETY DEFICIENCIES:		

1. COMPONENT  ARNG		02 GUARD AND RES			2. DATE	Jun 01
3. INSTALLATION AND LOCATION BANGOR INTERNATIONAL AIRPORT, B/ AR					PPORT FACILITY	ADD/ALT
5. PROGRAM ELEMENT 6. CATEGORY 7. PROJECT NUMBER 230007				8. PROJEC	CT COST (\$000) 11,618	
0505896A	I	O. COST ESTIMATES				
	ITEM	. GOOT ESTIMATES	U/M	QUANTITY	UNIT COST	COST (\$000)
TOTAL PROJECT	Existing Existing Structure orage Facility acility  ON LITIES ON ON SEEDING  ROTECTION ITY LIGHTING AS/ELECTRIC	,	SM SF SM SM SF SM SF SM	61,762 2,440 27,111 843 9,369 518 5,760 8,732 5,760 1,248 13,871 3155 3,500 62,249 74,106 4,095 4,875 210 511 550 4 360 -	2,044 184 833 75 833 75 422 38 47 722 65 2 2	8,366 (4988 (703 (432) (219 (410) (1068 (228 (148 170.3 1,729 (146 (57 (8 (10) (219 (6 (19) (3 (1085 (7 (170 10,744 533 11,279 338 11,618

### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed aviation facility of permanent masonry and steel construction with built-up roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, ground support equipment, hover lanes, fuel storage/dispensing system, aircraft wash facility, exterior lighting, fire protection, and fencing. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conservation features will be incorporated into design including energy management control systems and high efficiency motors, lighting and HVAC systems.

AIR CONDITIONING:

0 TONS

DD 1 FORM 1391

1. COMPONENT  ARNG	2. DATE  Jun 01						
3. INSTALLATION AND	3. INSTALLATION AND LOCATION BANGOR INTERNATIONAL AIRPORT, BANGOR, ME						
4. PROJECT TITLE  ARMY AVIATION SUPPORT FACILITY ADD/ALT  5. PROJECT NUMBER 230007							
11. REQUIREMENT:	5559 SM (61762) (SF) ADEQUATE: NA SUBSTANDARD:	NA					

<u>PROJECT:</u> This project is to build an AASF, of permanent type construction to serve the peace time missions of the assigned units stationed in the State of Maine. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (Current Mission)

Phase I - Two specially designed building additions of permanent masonry and steel construction with built-up roof, concrete floor, mechanical and electrical equipment. Interior partitions of masonry block. Supporting facilities are for hangar aprons and POV parking, drainage structures, fuel storage area, exterior lighting, fire protection, and fencing as well as physical security measures.

Phase II - Expansion of existing administrative and allied shops areas. Renovation of the existing administrative and allied shops areas to include interior and exterior lighting, fire protection, handicapped accessibility requirements, rigid and flexible paving for aircraft parking and tie down pads, hover lanes, landscaping and physical security measures.

<u>REQUIREMENT:</u> A 6,402 SM (71,131 SF) AASF and supporting facilities are required to adequately provide the units housed in this facility with hangar, administrative, supply, classroom, locker, latrine and maintenance space.

<u>CURRENT SITUATION</u>: An Army Aviation Support Facility is located at the Bangor International Airport Training Site but the existing structure is severely deficient in space allowance to support the current mission and equipment authorized.

IMPACT IF NOT PROVIDED: The current requirements of the aviation community within the state will be adversely impacted without this facility. Maintenance and scheduled inspections of aircraft will be severely limited due to the lack of authorized space in which to conduct these inspections. The climate in Maine does not allow for this type of work to be accomplished outside of a maintenance facility. Training of flight crews as well as maintenance personnel will be severely impacted if this project is not approved. Without this project the units readiness will be adversely affected due to having no capability of maintenance support. The overall readiness of the National Guard could also be adversely affected as the unit would become a non-mobilization asset if this project is not provided.

ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared.

ANTITERRORISM FORCE PROTECTION: This project has been coordinated with the State antiterrorism/physical security plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

JOINT USE CERTIFICATION: The Deputy Secretary of the Army (Installations and Housing) certifies that this

project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: CW3 William Donovan (207)626-4313 CFO: Donovan G. Lajoie, P.E. (207) 626-4220

DD FORM 1391c

	REVISED 29 JU	71 2000		
ARNG	FY 2002 GUARD MILITARY CON			2. DATE  Jun 01
. INSTALLATION AN	D LOCATION BANGOR INTERNATIONAL AIRPORT	BANGOR, ME		
PROJECT TITLE ARM	Y AVIATION SUPPORT FACILITY AD	D/ALT		CT NUMBER
2. SUPPLEMENTAL	DATA:			
ESTIMATED	DESIGN DATA:			
(b) PE (c) DA	S: ATE DESIGN STARTED ERCENT COMPLETE AS OF JANUAR ATE DESIGN EXPECTED TO BE 35% ATE DESIGN COMPLETE	Y 2000 30% COMPLETE Mar-00		
` '	ANDARD OR DEFINITIVE DESIGN - HERE DESIGN WAS MOST RECENT			
(a) PF (b) AL (c) TC (d) CC	COST (c) = (d) + (b): RODUCTION OF PLANS AND SPECIF L OTHER DESIGN COSTS DTAL DNTRACT -HOUSE	FICATIONS 644.5 322.3 966.8 966.8 0.0		
(4) CONS	TRUCTION START		10/01	
(5) CONS	TRUCTION COMPLETION DATE		10/02 (mo / yr)	
	T ASSOCIATED WITH THIS PROJEC PROPRIATIONS	T WHICH WILL BE PROV	VIDED FF	ROM
EQUIPMENT NOMENCLATUR	PROCURING E <u>APPROPRIATION</u>	FISCAL YEAR APPROPRIATED OR REQUESTED		COST (\$000)
TELECOM FURNITURE	OMNG OMNG	FY 02 FY 02		20 <u>50</u> 70

1. COMPONENT	FY 2002	GUARD AN	D RESERVE	i	2. DA	ΓE
ARNG MILITARY CONSTRUCTION Jun 0						
						EA CONSTR
SALISBURY, MARYLAND INSNO= 24C10 COS						ST INDEX
						0.89
5. FREQUENCY A	ND TYPE OF UTILIZATI	ON				
NORMAL ADMINISTE TWO OR THREE TIME	RATION FIVE DAYS PER WE ES PER MONTH.	EK, WITH A TWO-D	AY TRAINING ASS	EMBLY		
6. OTHER ACTIVE	C/GUARD/RESERVE INS		ITHIN 15 MILES	S RADIUS		
ARNG SALISBUF	RY 0 MILES	ARMORY		27819 SF	1956	
7 PROJECTS REC	UESTED IN THIS PROC	RAM:				
CATEGORY	CLSTED III IIII I IVOC			COST	DESIGN	I STATUS
CODE	PROJECT TITLE	SCOPE		<u>(\$000)</u>	START	
214	Organizational	1,149 SM		2,314	10/98	07/01
	Maintenance Shop	12,371 SF		_,0	. 0, 00	0.70.
		,				
8. STATE GUARD/	RESERVE FORCES FAC	CILITIES BOARD	RECOMMENDA	TION		
	IN ITEM #6 HAVE BEEN EXAM					
FOR POSSIBLE JOINT U	JSE/EXPANSION. THE BOAR	D RECOMMENDAT	IONS ARE UNILATE	ERAL CONSTRU	JCTION.	
						2 MAY 00
						(Date)
9. LAND ACQUISI	ΓΙΟΝ REQUIRED					
NONE						0
						(Number of acres)
	ANNED IN NEXT FOUR	YEARS				G O G TT
CATEGORY	DDO IECE TITLE					COST
	PROJECT TITLE	. 0	45			\$(000)
171	Alt/Add Readiness Cer	iter, Salisbury, i	VID			7,709
	2000)· <b>\$516.0</b>					
RPM BACKLOG (\$	\$000): <b>\$516.0</b>					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT						
THE ESTIMATED COST INDICATED."						

1. COMPONENT	Г		FV 200	2 GHARD 4	AND RESERVE	7	2. DATE	
ARNG	l					_	Jun 01	
3. INSTALLATIO	ON AND LOCAT							
SALISBURY, M		iioiv	INSNO=	24C10				
11. PERSONNEI	STRENGTH A			1-Dec-00				
_			ANENT		<u>-</u>		JARD/RESER	
	<u>TOTAL</u>		ENLISTED -	CIVILIAN		TOTAL	OFFICER I	
AUTHORIZED	19	0	7	12		458	26	432
ACTUAL	17	0	5	12	Percentage =	366 79.9%	18	348
12. RESERVE U	JNIT DATE					. 0.0 /0		
						STREN	GTH	
<u>u</u>	JNIT DESIGNA	<u>ATION</u>				AUTHORIZED	ACTUAL	
200th MILITARY I	POLICE Co. (G	D)			Collocated	126	97	
UIC: V	VXDWAA	TSPN:	33560	MTOE/TDA:	19667L000100			
HHC (-DET 1) 11:	5th MP BN (EA	N/CI)			Collocated	110	106	
	VXDOAA	TSPN:	33956	MTOE/TDA:	19546A000100			
243rd ENGR Co.	DFT 1				Collocated	32	25	
	VPCUAA	TSPN:	31480	MTOE/TDA:	054231000100	02	_0	
1229 TRANSPOR	RTATION Co. (-	DET 1)			Non-collocated	91	62	
	VPGSAA	TSPN:	35590	MTOE/TDA:	55719L000100	31	02	
Co. B 2-115th INF	BN				Non-collocated	99	76	
UIC: V	VV6UAA	TSPN:	40357	MTOE/TDA:	050715L000100			
					SUB-TOTAL	458	366	
13. MAJOR EQU	JIPMENT AND	AIRCRAFT						
	T 70-12				AUTHO		AUTHOR.	
<u> </u>	<u>YPE</u>				MAINTE NON COLL		PERMAN	
WHEELED					NON-COLI 77	LOCATED)	<u>PARKIN</u> 0 *	
TRAILERS					17		0 *	
TRACKED					2		0 *	
EQUIPMENT >	30 FT				12		0	
FUEL & M977 I					0		0	
HEMTT PLS/HI	ET				0		0 *	
* Remainder station	oned at MATES							
14. OUTSTANDI	NG POLLUTIO	N AND SAFE	TY DEFICIEN	NCIES:				
A AID DOLLLI	(\$000)							
A. AIR POLLU  B. WATER PO					NONE NONE			
C. OCCUPATI		AND HEALT	ГН		NONE			

1. COMPONENT	FY 2002 MILITARY	2. DATE			
ARNG	PROJECT	Γ DATA		Jun 01	
3. INSTALLATION AND LOCATION SALISBURY, MARYLAND	INSNO= 24C10	1	PROJECT TITLE     Organizational Maintenance Shop		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT COST (S	8000)
0505896A	214	24011	8	2,314	
9. COST ESTIMATES				-	
I	ГЕМ	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY OMS BUILDING FLAMMABLE MATS FACILITY CONTROLLED WASTE FACI UNHEATED METAL STORAGE FORCE PROTECTION SUPPORTING FACILITIES SITE PREPARATION FINE GRADING & SEEDING PLANTING RIGID PAVING FLEXIBLE PAVING FENCING SIDEWALKS WASH PLATFORM FUEL STORAGE & DISPENS EXTERIOR LIGHTING LUBE AND INSPECTION RAN LOAD RAMP DETACHED FACILITY SIGN EXTERIOR FIRE PROTECTIC UTIL'S:WATER/SEWER/GAS SUBTOTAL CONTINGENCY (5% X 2200.5	LITY GE BLD  ING SYSTEM MP  DN HELEC	SM SF SM SF SM SF LS LS SM SY M SF LS LS LS LS LS LS LS LS LS LS LS LS LS	1,036 11,153 16 168 28 300 70 750 3,238 3,873 351 420 255 838 167 1,800	1,346 125 648 60 646 60 646 60 14,000 25,000 27,000 48 40 24 20 46 14 43 4 65,000 80,000 75,000 30,000 30,000 70,000	1,467 (1,394) (10) (18) (45) (14) 719 (100) (25) (27) (155) (8) (12) (7) (65) (80) (75) (30) (30) (5) (30) (70) 2,201 110
TOTAL FEDERAL REQUEST	I & OVERHEAD (3% X 2310.5) THER FED APPR (NON-ADD)				<b>2,311</b> 3 <b>2,314</b> 12

Consists of a maintenance facility with four (4) maintenance workbays including a full length lube pit in one bay, plus administrative, personnel, and work areas. Constructed of masonry block with brick veneer, concrete floors, masonry block partitions with a built-up or single membrane roofing system and 7.5 ton crane. Supporting facilities include military and customer vehicle parking, fencing, wash platform, fuel storage and dispensing system, lube & inspection rack, load ramp, control waste handling facility, sidewalks, outside lighting, and access roads. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.

Air Conditioning - 3 TONS

1. COMPONENT	FY 2002 MILITARY	CONSTRUCTION	2. DATE	REPORT CONTROL SYMBOL				
ARNG	PROJECT DATA	(Continuation)	Jun 01	SIMBOL				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE						
SALISBURY, MARYLAND	INSNO= 24C10	Organizational Main	tenance Shop					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)				
0505896A	214	240118	2,314					
11. REQUIREMENT: 1,149			SUBSTANDARD: NA	SM SF				
	ce facility to provide adequate orga e of project will be on state land. (		support for vehicles and ed	quipment supported				
CURRENT SITUATION: The imaintenance shop. The existing armory and is extremely outdate planned maintenance reorganize	quirement for 1,149 SM (12,371 S rmed on vehicles authorized to the individuals that will be working in the shop, located in Salisbury, Mary ted. The current shop has inadequation will consolidate the maintenary was constructed, the missions has	units which will be supposed in the supposed i	c in an overcrowded and so as motor vehicle storage to a substandard ventilation of a at the Chestertown OMS	ubstandard pays for the adjoining system. The State S to the Salisbury				
requirements, causing a severe and for the future expansion of   IMPACT IF NOT PROVIDED:	e lack of functional space. Renova the armory. In addition, the existing The present facility's deficiencies g, storage and administrative areas	ting the existing building ng facility will be altered will continue to negative	g would not be economical into necessary armory spa ely impact troop morale. The	due to its condition ace.  ne lack of proper and				
and Design Guide 415-2 dated current criteria incorporated in to cost estimates. Therefore, state adjusted for size, fiscal year an	omplies with the scope and design I 1 July 1997. The most similar Do the Army National Guard Organiza te historical costs for construction of Id location. An economic analysis ement have been explored during p	D standards for logistic tional Maintenance Sho of like facilities were use has been prepared and	es facility construction do not op (OMS) design and thus op to develop baseline unit utilized in evaluating this p	ot address all of the do not yield accurate cost and were project. Alternative				

1. COMPONENT	FY 2002 MILITARY (	2. DATE	REPORT CONTROL SYMBOL	
ARNG	PROJECT DATA	Jun 01		
3. INSTALLATION AND LOCATIO				
SALISBURY, MARYLAND	INSNO= 24C10	Organizational Maintenance Shop		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)
0505896A	214	240118	2,314	

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

ANTITERRORISM/FORCE PROTECTION: SUMMARY OF RISK AND THREAT ANALYSIS

JOINT USE CERTIFICATION: The Deputy Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use

hy other compensate

1. COMPONENT	FY 2002 MILITARY C	ONSTRUCTION	2. DATE	İ
ARNG	PROJECT DATA	Jun 01	REPORT CONTRO SYMBOL	
3. INSTALLATION AND LOCATION	FROJECT DATA	4. PROJECT TITLE	Juli 01	
SALISBURY, MARYLAND	nce Shop			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (	\$000)
0505896A	214	240118	2,314	
2. SUPPLEMENTAL DATE 1. ESTIMATED DESIGN [	DATA:			
(b) PERCENT COMP (c) DATE DESIGN EX (d) DATE DESIGN EX (e) PARAMETRIC CO	TARTED PLETE AS OF JANUARY KPECTED TO BE 35% COMF KPECTED TO BE 100% COM DSTS USED TO DEVELOP COMP I CONTRACT		35% 01/01 07/01 NO	
WILL BE DOCUMENTI (2) BASIS: (a) STANDARD OR D	IDY AND LIFE CYCLE COST ED DURING FINAL DESIGN. DEFINITIVE DESIGN WAS MOST RECENTLY USI	YES NO X	<u>(</u>	
(3) TOTAL DESIGN (	COST (c)=(a)+(b) or (d)+(e)	(\$000)		
(b) ALL OTHER DES (c) TOTAL(d) CONTRACT	F PLANS AND SPECIFICATION COSTS	9%	(66.0) 198 (198)	
. ,	ODUCTION OF PLANS AND	SPECS		
	N CONTRACT AWARD DATE		10/01	<u>.</u> 
( )		-		<u>.</u>
(5) CONSTRUCTION			11/01	_
(6) CONSTRUCTION	N COMPLETION DATE		10/02	
. EQUIPMENT ASSOCIATION OTHER APPROPRIATION OF THE PROPERTY OF	ATED WITH THIS PROJECT TIONS	WHICH WILL BE PRO	VIDED FROM	
		FISCAL YEAR		
EQUIPMENT	PROCURING	APPROPRIATION	COST	
NOMENCLATURE	<u>APPROPRIATION</u>	OR REQUESTED	<u>(\$000)</u>	
TELECOM FURNITURE	OMNG OMNG	FY 02 FY 02	5 7	
		TOTAL	12	

	1						
1. COMPONENT	FY 20	002 GUAR	D AND RES	ERVE		2. DATE	Ē
ARNG	MI	LITARY CO	ONSTRUCT	ION			Jun 01
3. INSTALLATION	AND LOCATION					4.AREA COST IN	CONSTR IDEX
O	MS #7 FRAMINGH	AM, MASSAC	HUSETTS				1.12
	ND TYPE OF DMINISTRATION FI IREE TIMES PER MC		R WEEK, WITH	A TWO-DA	Y TRAIN	ING ASS	SEMBLY
6. OTHER ACTIVE	/GUARD/RESERVE INSTA	LLATIONS WITHIN	I 15 MILE RADIUS				
ARNG W	ATICK /AYLAND IARLBOROUGH	4 MILES 8 MILES 12 MILES	ARMORY ARMORY ARMORY	27,355 8,409 14,493	SF	19	<mark>13</mark> 56 07
7. PROJECTS REC	QUESTED IN THIS PROGR	AM					
CATEGOR CODE 21407		NAL 3,858	SCOPE 8 SM 3 SF	COST (\$000) 8,347	<u>s</u>	TART_	SIGN STATUS <u>COMPLETE</u> Jun-02
	RESERVE FORCES BOAR DENTIFIED IN ITEM			BY THE S	TATE		
	PRCES FACILITIES					ON. 1	1 APR 2001
	RECOMMENDATIO						Date
9. LAND ACQUISI	TION REQUIRED						0
NONE							(Number of acres)
10. PROJECTS PL NONE	ANNED IN NEXT FOUR Y	\$491					
	RVEY HAS BEEN CO PROJECT AT THE E				OR CON	STRUCT	TING THE

1. COMPONENT		EV 000	0.0114.00.4	ND DECEDVE		2. DATE	
ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION					,	Jun 01
3. INSTALLATION AND L	OCATION						
	OM	S #7 FRAMIN	GHAM, MASS	ACHUSETTS			
11. PERSONNEL STREM		28 PERMANENT			G	UARD/RESER\	/E
TO	· <del></del>	ICER ENLISTED	CIVILIAN		TOTAL	<u>OFFICER</u>	ENLISTED
AUTHORIZED 1	_	0 18	0		608	202	406
ACTUAL 1	0 (	0 10	0		885	235	650
				Percentage =	145.56%		
12. RESERVE UNIT DA	ΓΑ					STRENGTI	4
	UNIT DES	IGNATION		<u>AL</u>	JTHORIZE		ACTUAL
HHD 101 QUA	RTFRMAS	STER BATTAL	ION		39		38
UIC: WPAU					00		00
MTOE: 1046			Collocated				
1164TH TRAN	SPORTAT	ION COMPAN	ΙΥ		183		106
UIC: WQJDA							
MTOE: 5572	8LNG04	NG0 199	Collocated				
HHD STARC M	1A				310		397
UIC: W8A6A	ιA						
TDA: NGW8	A6AA		Noncolocate	ed			
				SUBTOTAL	532		541
13. MAJOR EQUIPMENT	AND AIRCRA	\FT					
<u>TYPE</u>				AUTHORIZED		<u>ASSIGNED</u>	
WHEELED				201		201	
TRAILERS				69		69	
TRACKED				0		0	
EQUIPMENT > 3				11		11	
FUEL & M977 H				0		0	
HEMTT PLS/HE	I			1		1	
14. OUTSTANDING POL	LUTION AND	SAFETY DEFICIENC	CIES: (\$000)	(2000)			
A. AIR POLLUT	ION			(\$000) NONE			
B. WATER POL				NONE			
		ETY AND HEA	\LTH	NONE			

1. COMPONENT  ARNG		GUARD AN	ID RESERVE TRUCTION	2. DATE  Jun 01
3. INSTALLATION AI	ND			<u> </u>
	OMS #7 FF	RAMINGHAM,	MASSACHUSETTS	
	RENGTH AS 28 NOV 95  PERMANENT  AL OFFICER ENLISTED	CIVILIAN	<u>GU</u> <u>TOTAL</u>	ARD/RESERVE OFFICER ENLISTED
12. RESERVE UNIT			ALTHODIZE:	STRENGTH ACTUAL
79TH TROO UIC: W8A	UNIT DESIGNATION P COMMAND 6A5		<u>AUTHORIZED</u> 40	<u>ACTUAL</u> 49
TDA: NG\ HHD 726TH UIC: WPF	W8A6AA MAINTENANCE BATTAL XAA TPSN: 31129	Noncolocated  ION  Noncolocated	51	49
UIC: WPA	RTERMASTER COMPAN XYAA TPSN: 34504 1468LNG02 NG0 195	IY  Noncolocated	143	148
UIC: WPF	ONNEL SERVICES DETA LAA TPSN: 30412 427LNG01 NG0 194	ACHMENT  Noncolocated	48	32
UIC: WPA	RTERMASTER TEAM NVAA TPSN: 34599 0570LNG07 NG0 195	Noncolocated	19	29
UIC: WQ	RTERMASTER TEAM IGAA TPSN: 34500 I469LNG05 NG0 196	Noncolocated	49	37
			SUBTOTAL 350 TOTAL 882	

#### 1. COMPONENT **FY 2002 GUARD AND RESERVE ARNG** Jun 01 **MILITARY CONSTRUCTION** 3. INSTALLATION AND LOCATION 4. PROJECT TITLE OMS #7 FRAMINGHAM, MASSACHUSETTS **ORGANIZATIONAL** MAINTENANCE SHOP 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT 8. PROJECT COST (\$000) 250051 0505896A 21407 8.347 9. COST ESTIMATES **UNIT COST** COST U/M QUANTITY ITEM (\$000)PRIMARY FACILITY 41,533 5,436 **OMS BUILDING** SM 2,128.2 1679.2 (3,574)156.00 SF 22.909 FLAMMABLE MATS FACILITY SM 36.6 1077.7 SF 100.00 394 CONTROLLED WASTE FACILITY SM 27.9 1076.4 (30)SF 300 100.00

SM

SF

LS

LS

LS

LS

SM

SY

SM

SY

M

LF

SM

SF

LS

LS

LS

LS

LS

LS

LS

LS

1,665.7

9,335.1

11.165

945.6

1,131

673.6

2,210

167.2

1,800

0

0

0

0

0

0

0

17,930

1076.4

100.00

55

600

60

30

69.4

44.2

85.4

161.5

26

15

0

0

0

0

0

0

(39)

(1,793)

(55)

2,227

(600)

(60)

(30)

(42)

(58)

(27)

(125)

(150)

(133)

(60)

(60)

(10)

(75)

(150)

7,718

8,104

8,347

386

243

80

(648)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

SUPERVISION, INSPECTION & OVERHEAD (3% X 8104)

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

**FUEL STORAGE & DISPENSING SYSTEM** 

RENOVATE MSB

FINE GRADING & SEEDING

SITE PREPARATION (Building DEMO 36,750 SF)

FORCE PROTECTION

SUPPORTING FACILITIES

PI ANTING

**FENCING** 

**SIDEWALKS** 

LOAD RAMP

**SUBTOTAL** 

SUBTOTAL

**RIGID PAVING** 

FLEXIBLE PAVING

WASH PLATFORM

**EXTERIOR LIGHTING** 

LUBE AND INSPECTION RAMP

**EXTERIOR FIRE PROTECTION** 

UTIL'S:WATER/SEWER/GAS/ELEC

DETACHED FACILITY SIGN

CONTINGENCY (5% X 7718.1)

**TOTAL PROJECT REQUEST** 

Consists of a maintenance facility with two (6) maintenance workbays, (1) warm up bay, and (1) DS Maintenance bay, plus administrative, personnel, and work areas. Constructed of masonry block with brick veneer, concrete floors, masonry block partitions with a built-up or single membrane roofing system. Supporting facilities include military and customer vehicle parking, fencing, wash platform, fuel storage and dispensing system, lube & inspection rack, load ramp, control waste handling facility, sidewalks, outside lighting, and access roads. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained

AIR CONDITIONING-3 TONS

1. COMPONENT	FY 2002 GUARD AND RESERVE		2. DATE	
ARNG			Jun 01	
3. INSTALLATION AN				
	OMS #7 FRAMINGHAM, MASSACHUSETTS			
4. PROJECT TITLE		4. PROJE	ECT NUMBER	
	ORGANIZATION MAINTENANCE SHOP		250051	
11. REQUIREMENT:	2,313 SM 24,903 SF ADEQUATE: NA SM NA SF SUBSTAND	DARD:	NA	SMSF
equipment supp REQUIREMEN support at the or maintenance sh CURRENT SIT substandard ma outdated and ha increase in equi building would altered and repr small and deter IMPACT IF NO lack of proper attainment of th ADDITIONAL protection/comb guides for prote Guard Pamphle standards for lo Guard Organiza historical costs year and location of meeting this meet the require JOINT USE CE this project has	<u>'UATION</u> : The individuals that will be working in this facility cultintenance shop. The existing shop, Framingham, Massachusetts azardous to work in. Since the existing facility was constructed, the pment and maintenance requirements, causing a severe lack of function not be economical due to its condition. In addition, the existing faired, which would be more costly since all of the offices, the latrice	cal secues require scope are as incorpurate cost and ing this project osts.	ent Mission) permit efficie ich will be so work in an o ilt in 1941 a ons have chan bace. Renova would have t the workbays ely impact tro will continue urity officer red by regulat and design crit 1997. The m orated in the st estimates. were adjuste project. Alte is the only fe	ent maintenance apported by this vercrowded and nd is extremely aged creating an ting the existing to be completely (20x40) are too op morale. The eto impair the and no force tions and design teria of National ost similar DoD Army National Therefore, stated for size, fiscal rnative methods easible option to

AT/FP POC: Mr. Joseph Capt (508) 233-6576

CFMO LTC Richard V. Crivello (508) 233-6551

1.	FY 2002 GUARD AND RESERVE					2. DATE				
	ARNG MILITARY CONSTRUCTION					Jun 01				
3.	INSTALL		D LOCATION 5 #7 FRAMINGHAM, MASSACHUS	SETTS						
4.	4. PROJECT TITLE ORGANIZATION, MAINTENANCE SHOP 5. PROJECT NUMBER 250051									
12	. SUPPLE	EMENTAL	DATA:							
a.	ESTI	MATED	DESIGN DATA:							
	(1)	(b) P (c) D (d) D (e) P (f) A	IS: ATE DESIGN STARTEDERCENT COMPLETE AS OF JAN ATE DESIGN EXPECTED TO BE ATE DESIGN COMPLETEARAMETRIC COSTS USED TO E N ENERGY STUDY AND LIFE CY ILL BE DOCUMENTED DURING	I 2002	J	0% lan-02 lun-02				
	(2)	` '	: TANDARD OR DEFINITIVE DESI HERE DESIGN WAS MOST REC			X A				
	(3)	TOTAL	COST(c) = (d) + (b):		487					
		(b) Al (c) T (d) C	RODUCTION OF PLANS AND SF L OTHER DESIGN COSTS OTAL ONTRACT	<u>9%</u>	<u>(</u>	231.5) 694.6 694.6)				
	(4)	CONS	TRUCTION START		<mark>0</mark>	7/02				
b.	(5) EQU		TRUCTION COMPLETION		(mon	<mark>7/03</mark> oth and year) ED FROM				
	OTH	HER AP	PROPRATIONS	FISCAL YEAR						
	NOME TELO	JIPMENT NCLATUR COM NITURI	OMNG	APPROPRIATION OR REQUESTED FY 03 FY 03		COST (\$000) 15 65				
	. 010	Ο . (	Civilio	1 1 00	Tota	al = 80				

1. COMPONENT	FY 2002 GI	JARD AND RES	ERVE	2	. DATE
ARNG	MILITAR	Y CONSTRUCTI	ON		JUN 01
3. INSTALLATION A	ND LOCATION  ANSING, MICHIGAN	INSNO =	26B83		AREA CONSTR
LA	ANSING, MICHIGAN				1.17
	ND TYPE OF DMINISTRATION AND MAIN ING ASSEMBLY TWO OR THI			ER WEEK	X, WITH A TWO
ARNG LA	GUARD/RESERVE INSTALLATIONS W ANSING, HQ STARC(-) ANSING, HHB 1-119 FA ANSING, HHSC 1-238 AV	ATTHIN 15 MILE RADIUS 4 MILES 6 MILES 14 MILES	ARMORY ARMORY ARMORY	76,557 23,154 23,154	SF 1924
7. PROJECTS REC	UESTED IN THIS PROGRAM				
CATEGOR' CODE 214		SCOPE 3,097 SM 33,337 SF	COST (\$000) 5,809	<u>STAI</u> May-00	_
	RESERVE FORCES BOARD RECOMME		SY THE STAT	E	
RESERVE FO	RCES FACILITIES BOARD F	FOR POSSIBLE JOIN	NT USE/EXPA	NSION.	28 FEB 01
THE BOARD F	RECOMMENDATIONS ARE L	JNILATERAL CONST	RUCTION.		Date
9. LAND ACQUISIT	TION REQUIRED				0
NONE					(Number of acres)
	ANNED IN NEXT FOUR YEARS				
PROJECT CONSTRUCT S	STATE HQ ARMORY	<u>FY</u> <u>SF</u> 02 223,251 SF		<u>6 (000)</u> 27,000	
RPM BACKL	OG (\$000): \$37,841				
	VEY HAS BEEN COMPLETED PROJECT AT THE ESTIMATE			CONSTRU	ICTING THE

1. COMPONENT	FY 2002	GUARD AI	ND RES	ERVE		2. DATE	
ARNG	MILITA		JUN 01				
3. INSTALLATION AND LO	DCATION		INICNIO	2602			
LANSING, MICH	IGAN		INSINO	= 26B83			
11. PERSONNEL STREN	GTH AS OF: 02 AUG 1999				CIII	ADD/DECED	\/F
TO	<u>PERMANENT</u> TAL <u>OFFICER ENLISTED</u>	CIVILIAN			TOTAL	ARD/RESER' OFFICER	
· · · · · · · · · · · · · · · · · · ·	08 10 188	2			9,656		8,674
-	0 13 75	2			8,461		7,515
12. RESERVE UNIT DAT	A					CTDENCT	11
	UNIT DESIGNATION			<u>Al</u>	JTHORIZED	STRENGT	ACTUAL
ALL MICHIGAN AF	RMY NATIONAL GUARD	UNITS AND D	ETACHM	IENTS:			
HEADOLIADTED	S, STATE AREA COMMA	MD		OFFICERS	982		946
MICHIGAN ARM	Y NATIONAL GUARD	AIND		OFFICERS ENLISTED	8,674		7,515
	TPSN: 56751 AA CCNUM: NG0197	Non-collocat	ed	TOTAL	9,656	-	8,461
PERMANENT EN	MPLOYEE BREAKDOWN	:					
DIRECTOR OF N	MAINTENANCE				16		9
UIC: W8ACAA	TPSN: 56751				10		0
TDA: NGW8AC	AA CCNUM: NG0197	Collocated					
	PORT MAINTENANCE S	HOP			192		81
	TPSN: 31131 G29 CCNUM: NG0100	Collocated					
W 102 102 002 11	020 001101111 1100100	Comodatod		TOTAL	208	-	90
13. MAJOR EQUIPMENT	AND AIRCRAFT			411711001750		100101155	
<u>TYPE</u> ALL APPLICABLE	MTOF'S(*)			AUTHORIZED		<u>ASSIGNED</u>	
WHEELED	W1020( )			2533		2533	
TRAILERS				1423		1423	
TRACKED				111		111	
EQUIPMENT > 3				28		28	
FUEL VEHICLES	3		<b>-</b> 0-41	<u>102</u>		<u>102</u>	
			TOTAL	4197		4197	
	orized vehicles. It provide	es support leve	el mainter	nance for a por	tion of the	vehicles ar	nd
equipment assigne		-O. (MOCO)					
14. OUTSTANDING POLI	LUTION AND SAFETY DEFICIENCIE	:5: (\$000)	<u>(\$000)</u>				
A. AIR POLLUTI	ON		NONE				
B. WATER POLI			NONE				
	NAL SAFETY AND HEAL	<b>-</b>	NONE				

1. COMPONENT  ARNG		FY 2002 GU MILITARY	2.	JUN 01				
3. INSTALLATION AND LOCATION INSNO = 26B83  LANSING, MICHIGAN			4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP PHASE 2					
5. PROGRAM ELEME 0505896A	NT	6. CATEGORY CODE 214	7. PROJECT 260169A	·	8. PROJEC 5,809	CT COST (\$000)		
		9. C	OST ESTIMATES					
	IT	ГЕМ		U/M	QUANTITY	, UNIT COST	COST (\$000)	
PRIMARY FACI	LITY			014			4,283.8	
CSMS				SM SF	3,097 33,33		(4,133.8)	
FORCE PROT	TECTION			LS LS		150,000.0	(150.0)	
SUPPORTING I		ES		1.0		75.0	1,087.8	
SITE PREPAR	RATION			LS LS		75.00 75.00	(75.0)	
GRADING & D	RAINAG	E		LS	,	50.0	(50.0)	
SEEDING & P	LANTING	3		LS	,	21,000.0	(21.0)	
PAVING / PO\	/ (FLEX)			SM SY	836 1,000	32.3	(27.0)	
PAVING / MIL	ITARY (F	RIGID)		SM SY	12,852 15,37	47.8	(614.8)	
SECURITY LI	GHTING			LS		50.0	(50.0)	
FORCE PROT	rection			LS LS	,	100.0	(100.0)	
EXTERIOR FIRE PROTECTION			LS	,	50000.0	(50.0)		
UTILITIES				LS LS		50000.00 1 100.00	(100.0)	
TOTAL FEDER	ACT COS N, INSPE AL REQU	CTION, OVERHEAD	. ,	LS		1 100.00	<b>5,371.6</b> 268.58 <b>5,640.2</b> (169.2) <b>5,809.</b> 4 (40.0)	

### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Consists of the construction of Phase 2 of a new Combined Support Maintenance Shop to support the maintenance needs of the Michigan Army National Guard. This requested project is for Phase 2 only. The phase provides for a total of 21 general maintenance workbays constructed of masonry, EPDM roof, concrete floor and wall partitions of masonry block. The requested facility includes all mechanical, electrical, and plumbing work, heating, ventilating, and energy controls to connect with the energy monitoring system already provided for in the first phase. Phase 2 also consists of constructing rigid pavement for the remaining military vehicle parking, and unheated vehicle storage. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.

- Continued on Next Page -

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE						
ARNG	JUN 01								
3. INSTALLATION AN	3. INSTALLATION AND LOCATION INSNO = LANSING, MICHIGAN								
	LANSING, MICHIGAN								
4. PROJECT TITLE COMBINED S	SUPPORT MAINTENANCE SHOP PHASE 2		ECT NUMBER 260169A						
AIR CONDITIONIN									
11. REQUIREMENT:	3,097 SM 33,337 <mark>sf adequate: 0 SM 0 sf substant</mark>	DARD:	3,460 SM 37,245 SF						
	ase 2 of a new Combined Support Maintenance Shop (CSMS) that w	-	-						
_	maintenance tasks that will support the peacetime mission, and improving Michigan Army National Guard (Current Mission).	ve unit	readiness for the current						
	<u>T:</u> This facility is required to house the permanent employees of the Su totaling an authorized strength of 208 persons. This new facility will p								
and maintenand	ee support areas to meet the readiness objectives of the 4,197 authorized	l vehicle	es in the Michigan Army						
	. The Phase 2 facility requirement consists of 3,097 SM (33,337 SF) and 1,521 SM (16,371 SY) of rigid and flexible paving for military		• •						
	ct is requested to allow efficient maintenance at the support level to be pe								
the units suppor	ted by this CSMS.								
CURRENT SIT	<u>UATION</u> : The individuals that will be working in this facility curren	tly worl	in an overcrowded and						
	MS. The existing CSMS, located in Lansing, Michigan was built in 1950		-						
_	SMS will be sold when the new CSMS is built. Alterations and addition to its age, condition, and the size of the existing site. The geographic								
collocated units									
IMPACT IF NO	OT PROVIDED: The present facility's deficiencies will continue to nega	atively in	mpact troop morale. The						
	nd adequate maintenance, training, storage and administrative areas will	continue	e to impair the attainment						
of units' require	d mobilization readiness levels.								
ADDITIONAL:	1 7								
-	pating terrorism measures other than those physical security measures reacting Federal property are required. This project complies with the score	-							
Guard Pamphle	t (Draft) 415-12 dated 01 July 2000 and Design Guide 415-2 dated 1	Novemb	per 1999. An economic						
	en prepared and utilized in evaluating this project. Alternative methods luring project development. This project is the only feasible option to n		_						

estimates have not been used to develop project costs.

- Continued on Next Page -

1. COMPONENT	FY 2002 GUARD AND RESERVE		2. DATE						
ARNG MILITARY CONSTRUCTION JUN 01									
3. INSTALLATION AND LOCATION INSNO = 26B83 LANSING, MICHIGAN									
4. PROJECT TITLE COMBINED		4. PROJECT NUMBER 260169A							
AIR CONDITIONING	G: NONE								
	- Requirement Continued -								
Risk and threat a Only protective Department of D description of co JOINT USE CER that this project	SM/FORCE PROTECTION: This project has been coordinated with the analysis have been performed in accordance with DA Pam 190/51 and measures required by regulation and ONLY the minimum standards befores AT/FP Construction Standards" are needed. They are include onstruction.  STIFICATION: the Deputy Assistant Secretary of the Army (Installation has been considered for joint use potential. Mission requirements, of incompatible with use by other components.	TM 5-8 s require ed in the	853-1, respectively. ed by the "Interim cost estimate and Housing) certifies						

AT/FP POC: MAJ THOMAS HOWKO /(517)483-5621 CFMO/ COL\_Tibor Lanczy /(517)483-5809

(a) PRODUCTION OF PLANS AND SPECIFICATIONS (322) (b) ALL OTHER DESIGN COSTS (161) (c) TOTAL (483) (d) CONTRACT 9% (483) (e) IN-HOUSE (0)  (4) CONSTRUCTION START FEB 02  (5) CONSTRUCTION COMPLETION MAR 03  (month and year)  b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS	IG FY 20	2. DAT	JUN 01		
COMBINED SUPPORT MAINTENANCE SHOP PHASE 2   260169A			INSNO =	= 26B83	
(1) STATUS: (a) DATE DESIGN STARTED		MAINTENANCE SHOP PH			
(a) DATE DESIGN STARTED					
(a) STANDARD OR DEFINITIVE DESIGN - YES	<ul> <li>(a) DATE DESIGN STA</li> <li>(b) PERCENT COMPLE</li> <li>(c) DATE DESIGN EXP</li> <li>(d) DATE DESIGN COMPLE</li> <li>(e) PARAMETRIC COSMODITION</li> <li>(f) TYPE OF DESIGN (19)</li> <li>(g) AN ENERGY STUDY</li> </ul>	ETE AS OF JANUA 2002 ECTED TO BE 35% COM MPLETE TS USED TO DEVELOP CONTRACT ' AND LIFE CYCLE COST	MPLETECOSTS	100% Feb-01 Nov-01	
(a) PRODUCTION OF PLANS AND SPECIFICATIONS (322) (b) ALL OTHER DESIGN COSTS (161) (c) TOTAL (483) (d) CONTRACT 9% (483) (e) IN-HOUSE (0)  (4) CONSTRUCTION START FEB 02  (5) CONSTRUCTION COMPLETION MAR 03  (month and year) (b) EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS	(a) STANDARD OR DEF				
(b) ALL OTHER DESIGN COSTS (161) (c) TOTAL (483) (d) CONTRACT 9% (483) (e) IN-HOUSE (0)  (4) CONSTRUCTION START FEB 02  (5) CONSTRUCTION COMPLETION MAR 03  (month and year)  b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS	TOTAL DESIGN COST (c)=	(a)+(b) or (d)+(e):	NONE	(\$3)	Design Phase 1
(5) CONSTRUCTION COMPLETION	(b) ALL OTHER DESIGN (c) TOTAL(d) CONTRACT	N COSTS		(161) (483) (483)	
(month and year) b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS	CONSTRUCTION STAR	Т		FEB 02	
OTHER APPROPRIATIONS	CONSTRUCTION COMP	PLETION			
EIOOAL VEAD		TH THIS PROJECT WHIC		DED FROM	1
FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATION COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  Furniture OMNG 02 30.0  Telecommunications OMNG 02 10  TOTAL 40.0	ENCLATURE A iture C communications C	PPROPRIATION MNG	APPROPRIATION OR REQUESTED 02	(\$000) 30.0 10	_

1. COMPONENT  ARNG		FY 2002 GUARD A			2. DATE  Jun 01
INSTALLATION AND LOC	ATION				4. AREA CONSTR
CAMP SI	HELBY, MISSISSIPP	ગ			COST INDEX 0.87
FREQUENCY AND TYPE FACILITY WILL BE	OF UTILIZATION USED 365 DAYS P	ER YEAR.			·
OTHER ACTIVE/GUARD	/RESERVE INSTALLATIONS	WITHIN 15 MILES RADIUS			
THERE A	ARE NO SIMILAR FA	CILITIES WITHIN A 25 MILE	RADIUS.		
PROJECTS REQUESTED	O IN THIS PROGRAM		COST		DESIGN STATUS
CODE 17180	PROJECT TITLE REGIONAL MILIT. EDUCATIONAL CENTER, PHASE	68,596 SF	<u>(\$000)</u> I \$11,444	STAR Feb-9	<u>COMPLETE</u>
STATE RESERVE FORC	ES FACILITIES BOARD REC	OMMENDATION			
BOARD FOR POS	SIBLE JOINT USE/E	AVE BEEN EXAMINED BY T EXPANSION. THE BOARD R			
CONSTRUCTION.				-	28 NOV 1999 Date
LAND ACQUISITION REG DNE	QUIRED			_	(Number of acres)
. PROJECTS PLANNED ATES ADDITIONAL/		CAMP SHELBY, MISSISSIPPI		\$21,117	
OOP HOUSING FAC	ILITY, PHASE I	CAMP SHELBY, MISSISSIPPI		\$5,000	
FICER ENLISTED Q	UARTERS	CAMP SHELBY, MISSISSIPPI		\$3,813	
MULATION & EXERC	ISE CENTER PHASE I	CAMP SHELBY, MISSISSIPPI		\$1,700	
MULATION & EXERC JLTI-PURPOSE RANG DMBINED ARMS ARE	GE COMPLEX- HVY	CAMP SHELBY, MISSISSIPPI CAMP SHELBY, MISSISSIPPI CAMP SHELBY, MISSISSIPPI		\$1,700 \$14,000 \$2,570	

	T							
1. COMPONENT	RESEI	RVE		2. DA	ΓΕ			
ARNG	N			Jun 01				
3. INSTALLATION AND	LOCATION							
	MP SHELBY, MISSISSI	PPI						
	,							
11. PERSONNEL STRI	ENGTH AS OF:	1FEB 01						
	PERM/	<u>ANENT</u>			<u>GU</u>	ARD/RE	SERVI	<u> </u>
_		<u>ENLISTED</u>	CIVILIAN		<u>TOTAL</u>	<u>OFFIC</u>	<u>ER</u>	<u>ENLISTED</u>
	173 20	150	2		0	0		0
ACTUAL	154 18	134	2		0	0		0
			Percenta	ige	89.02%			
12. RESERVE UNIT D	ATA				STREN	≎т⊔		
	UNIT DESIGNAT	IONI			AUTHORIZED		٨١	
	ONIT DESIGNAT	<u>ION</u>			AUTHORIZED	ACTO	AL	
DET 4. STARC	MSARNG MILITAR	Y ACADEM	Υ		38		32	
	4 TDA NGW8/							
REGIONAL SO	CHOOL SUPPORT	DETACHMI	ENT		12		7	
UIC W8AG	12 TDA NGW	8AGAA (PA	ARA 13)					
	GIONAL NCO ACA		REGUIB III		55		55	
UIC W7W	BAA TDA NG	W7WBAA						
	PLACED EQUIPME		G IEAM		25		21	
UIC W/C	QZAA TDA NG	VV/QZAA						
REGIONAL	TRAINING SITE - N	ΛΔΙΝΙΤΈΝΙΔΝ	ICE		24		22	
	WMAA TDA N				24		22	
	77,77		•					
CURRENT SCHOOL	SIZING HAS BEEN C	ALCULATED	BY THIS STATE	TO SUF	PPORT OVER 25	0 INDIV	/IDUAL	STUDENTS
AND 150 ANNUAL T	RAINING STUDENTS	THIS SCHOO	OL SUPPORTS L	JNITS IN	N MS, AL, AR, KY	′, LA, O	K, TN,	AND TX.
13. MAJOR EQUIPMEN	NT AND AIRCRAFT							
TYP					AUTHORIZED	ASSIC		
WHEELED VEH	HICLES				135		125	
TRAILERS	IIOI E0				0		0	
TRACKED VEHICLE					15		16	
FUEL VEHICLES OVERSIZED VEHICLES > 30'				0		0		
OVERSIZED VI	LI IIOLES > 30				U		U	
*/ REMAINING	S VEHICLES ARE L	OCATED A	T MATES					
	OLLUTION AND SAFETY D							
55151/4/514514					<u>(\$000)</u>			
A. AIR POLLU	TION				NONE			
B. WATER PO	LLUTION				NONE			
C. OCCUPATION	ONAL SAFETY ANI	D HEALTH			NONE			
1								

1. COMPONENT	FY 2002 (	GUAR	D AND RESERVE			2. DATE			
ARNG	Jun 01								
3. INSTALLATION AND LOCA	ATION				4. PROJE	CT TITLE			
CAMP SHELBY, MISSIS	SIPPI				REGIONAL				
						NAL CENTE	·		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7	7. PROJECT NUMBER	8. PROJECT COST					
0505896A	17180		280009			\$11,444			
		9. CO	ST ESTIMATES	1					
	ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)		
PRIMARY FACILITY				SM SF	<b>17,568</b> 68,596		\$8,589,900		
BILLETS, (QUALITY OF	LIFE)			SM SF	14,494 33,461	120 120	\$4,015,320		
RTS MAINTENANCE				SM	455	1,058	\$1,041,900		
				SF	6946	150			
				SM	0	0	\$0		
DUVEICAL EITNESS (OI	IALITY OF LIEE)			SF SM	0 133	60	- ¢171 600		
PHYSICAL FITNESS (QI	DALITY OF LIFE)			SF	1,430	1,021 120	\$171,600 -		
ADMINISTRATION BUIL	DING			SM	2,309	1,080	\$2,982,960		
UNIT MAINTENANCE				SF SM	24,858 <b>177</b>	120 1,020	- \$228,120		
ONIT WAINT LIVANGE				SF	1,901	120	φ220,120 -		
FORCE PROTECTION				LS	-	-	\$150,000		
SUPPORTING FACILITI	ES						\$2,200,000		
SITE PREPARATION				LS	-	-	\$950,000		
FINE GRADING & SEE	DING			LS	4 000		\$100,000		
FLEXIBLE PAVING				SM	1,003		\$78,000		
SIDEWALKS				SY SM	1,200 <b>279</b>	65 108	\$90,000		
SIDEWALKS				SF	3,000	30	φ90,000 -		
OUTSIDE LIGHTING				LS	<b>-</b>	-	\$75,000		
SIGNAGE				LS	-	_	\$29,000		
UTILITIES: WATER/SE	WER/GAS/ELECTRIC			LS	-	-	\$550,000		
PA SYSTEM				LS	-	-	\$150,000		
LANDSCAPING				LS	-	-	\$178,000		
SUBTOTAL							\$10,789,900		
CONTINGENCY (5%)							\$467,000		
TOTAL CONTRACT CO	DST						\$11,256,900		
·	CTION & OVERHEAD (2%)						\$187,000		
TOTAL FEDERAL REQU	JEST						\$11,443,900		
STATE SHARE (NON-	ADD)						N/A		
FOUIP PROVIDED FRO	OM OTHER FED APPR (NON-A	ADD)		I			\$113		

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Specially designed facilities of concrete masonry units, brick veneer, or concrete panels and standing seam metal roof system. These facilities will be one and two story structures with supporting mechanical and electrical building systems. Other supporting facilities include student and instructor POV/military parking, access road and sidewalks. Utilities connections and site preparation are part of this work.

AIR CONDITIONING: 455 MT 395 TONS

11. REQUIREMENT: 17,948 SM 191,148 SF ADEQUATE 67,356 SUBSTANDARD: NA

Project :68,594 SF of facilities are required to support the Regional School in conducting leader training, maintenance training, and armor crewman training and in providing proper storage and administration facilities. The remaining billets will be included in phase III.

1. COMPONENT  ARNG	F	2. DATE  Jun 01							
3. INSTALLATION AND	3. INSTALLATION AND LOCATION  CAMP SHELBY, MISSISSIPPI								
4. PROJECT TITLE	4	PROJECT NUMBER 280009							
11. REQUIREMENT:	17,568 SM	68,596 SF	ADEQUATE: 67,356	SUBS	TANDARD: NA				

## PROJECT CONTINUES:

<u>CURRENT SITUATION:</u> The existing school operation is housed in existing substandard buildings which were built for annual training use only. The Regional Training Site Maintenance building is the only facility currently above minimum standards, however, deficiencies have been identified for improvements as outlined herein. The current buildings were not designed for educational activities and many substandard temporary modifications have been made. This is a National Guard Bureau recognized Regional Training Center and a Category A Training Site. <u>This is the second of three phases for the Regional School Project.</u> All classrooms and a dining facility have been constructed and are complete.

IMPACT IF NOT PROVIDED: The lack of adequate facilities will hamper effective training of all students assigned to the Regional School for training. Failure to provide the best possible training will affect the combat readiness of the many units within the support region of the southern United States. The capability of the training site to support annual training is also degraded due to the dedicated use of 75 to 90 site buildings which need to be available for issue to units. Sixty percent of this phase can be classified as a Quality of Life Facilities.

<u>SUPPORTING DOCUMENTATION, AT/FP:</u> This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulation and design guides for protecting Federal property are required.

<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with the use by other components.

AT/FP POC: LTC WILLIAM R. LINDSLEY (601) 313-6193 CFMO: DONALD M. WINDHAM (601) 313-623

1. COMP			F	Y 2002 GUARD MILITARY CON			2. DATE  Jun 01
3. INSTA	ALLATION	AND LOC CAMP	ATION SHELBY, MISSISSI	PPI			
4. PROJ	ECT TITL		ONAL MILITARY EDI	UCATIONAL CENTER,	PHASE II		CT NUMBER 80009
12. SUPF	PLEMENT	AL DATA:				·	
a. EST	ГІМАТЕ	D DES	IGN DATA:				
(1)	(b) (c) (d) (e) (f)	DATE [ PERCE DATE [ DATE [ PARAN AN ENE	ENT COMPLETE A DESIGN EXPECT DESIGN COMPLE METRIC COSTS L ERGY STUDY AN	D AS OF JANUARY 19 ED TO BE 35% CO ETE USED TO DEVELOR D LIFE CYCLE COS D DURING FINAL D	999 MPLETE P COSTS ST ANALYSIS		ab-94 15% N/A ay-01 NO
(2)	` '	STAND	OARD OR DEFINITE DESIGN WAS I	TIVE DESIGN - MOST RECENTLY	YES USED	NO NA	(
(3)	TOT	AL DES	SIGN COST (c)=(a	)+(b) or (d)+(e):		(\$000)'	
	(b) A (c) T (d) (	ALL OT FOTAL. CONTR	HER DESIGN CO	S AND SPECIFICA STS		647.4 323.7 971.1 971.1 0	
(4)	CON	ISTRU	CTION START			N	lov-01
(5)	CON	ISTRU	CTION COMPLET	TON DATE		(MONTH AN	lov-04_
			SOCIATED WITH PRIATIONS	THIS PROJECT W	HICH WILL BE PRO	, -	,
NOM TEI KIT J-S PR	IDS EWIRE	JRE 1 EQUIP ED WOF	MENT RK STATIONS ESS EQUIP	PROCURING APPROPRIATION OMNG OMNG OPA OMNG OMNG	FISCAL YEA APPROPRIATI OR REQUEST FY 03 FY 03 FY 03 FY 03 FY 03	ON COST ED (\$000	
	RNITU			OMNG	FY 03		<mark>23</mark>  13

1. COMPONENT	EV 2001	CHARDA	ND RESERV	/C	2. DATE
ARNG			TRUCTION	/ <b>C</b>	Jun 01
	IVIILI	AIXT CONG	rikoorioit		
3. INSTALLATION AN					4. AREA CONSTR COST INDEX
GUL	FPORT, MISSISSIPPI				0.87
					0.07
	TYPE OF UTILIZATION		//TLL A T\A/O D	AN TO A INJUNIO	2 ACCEMBLY
	NISTRATION FIVE DAYS I E TIMES PER MONTH.	PER WEEK, W	IIII A TWO-D	AY IRAINING	3 ASSEMBLY
6. OTHER ACTIVE/G	UARD/RESERVE INSTALLATIONS WI	THIN			
ARNG Bilox	i, Mississippi	15 MILES	<u>ARM</u> ORY	13,880 SF	1971
	port, Mississippi	05 MILES	AVCRAD	120,000 S	1955
	an Springs, Mississippi	22 MILES	ARMORY	10,150 S	1960
7. PROJECTS REQU	ESTED IN THIS PROGRAM				
CATEGORY			СО		DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	<u>(\$0</u>	<u>00)</u> <u>START</u>	COMPLETE
171	READINESS CENTER	4,72	0 SM 9,1	145 3/00	12/00
			, 11 SF		
	ESERVE COMPONENT FACILITIES BO				
	ENTIFIED IN ITEM #6 HAVE ERVE COMPONENTS FAC				Т
	ON. THE BOARD RECOM				16 Nov 99
CONSTRUCTION			, C		Date
9. LAND ACQUISITIO	N REQUIRED				0.0
Yes					20
10 PROJECTS PLAN	INED IN NEXT FOUR YEARS				(Number of acres)
NONE	THE INTERNATIONAL PRINCE				
RPM BACKLOG	G (\$000): \$0				
	EY HAS BEEN COMPLETE			BLE FOR CO	NSTRUCTION OF THE
PROPOSED P	ROJECT AT THE ESTIMAT	TED COST IND	DICATED."		

1. COMPONENT		FY 2002 GUA	ARD AND RESE	RVE		2. DATE	:
ARNG			CONSTRUCTION			Jun 01	
3. INSTALLATION AND GU		MISSISSIPPI					
11. PERSONNEL STRI T AUTHORIZED ACTUAL		19 OCT 98 PERMANENT FICER ENLISTED 4 13 3 13	CIVILIAN 0 0 Percentage =	TOTAL 220 194 88.18%	OFF.	RESERVE FICER 17	ENLISTED 203 181
12. RESERVE UNIT D	ATA						
	LINIT DE	SIGNATION		<u>STRE</u> AUTHORIZE	ENGTH D AC	TUAL_	
	ONIT DE	SIGNATION		AUTHORIZE	<u>D AC</u>	IOAL	
890th ENGINEER UIC: WP7DT0 MTOE: S05115H	TPS	SN: 0204914		220	1	94	
13. MAJOR EQUIPMEN	NT AND AIRCRA	FT					
TYP WHEELED TRAILERS	<u>'E</u>			AUTHORIZED 32 20	- (	<u>GNED</u> 32 20	
TRACKED				0		0 *	
EQUIPMENT > FUEL & M977   HEMTT PLS/H	HEMMT			0 2 2		0 2 2	
* REMAINING	VEHICLES	ARE LOCATED A	T MATES				
14. OUTSTANDING PO	OLLUTION AND	SAFETY DEFICIENCIES:		(\$000)			
A. AIR POLLU B. WATER PC C. OCCUPATI	DLLUTION	ETY AND HEALTH	-1	NONE NONE NONE			

1. COMPONENT		FY 2002 GUA	RD AND RES	E	RVE			2. DATE		
ARNG		MILITARY	CONSTRUCTI	О	N			Jun 01		
3. INSTALLATION AND LO					4. PROJ	ECT TIT		SS CENTE	Jun 01  SS CENTER  OOST 9145  UNIT COST (\$000)  6,578  1,399 130 431 40 - 431 40 - (0) 1,878 - (250) - (220)	
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 171	7. PROJECT NUME 280267	BE	R		8. PROJECT			
			9. COST ESTIMATES	_						
		ITEM				U/M	QUANTITY	UNIT COST		
PRIMARY FACILITY									6,578	
READINESS CENTER						SM SF	4,692 50,511		(6566)	
FLAMMABLE MATs STORAGE					SM	14	_	(6)		
CONTROLLED WASTE FACILITY				SF SM SF	150 <b>14</b> 150	431	(6)			
FORCE PROTECTIO	N					LŠ	-	-	(0)	
SUPPORTING FACILIT SITE PREPARAT WORKSTATIONS PROPERTY PURCHAS FINE GRADING & SEE PLANTING RIGID PAVING FLEXIBLE PAVING	ION SE					23 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - 3,670 4,390 6,154	- - - - - 90 75 55	(250)	
FENCING						SY M	7,360 <b>243</b>	<sup>46</sup> 82	(20)	
SIDEWALKS						SM	<sup>796</sup> 167	<sup>25</sup> 161	(27)	
FLAGPOLE EXTERIOR FIRE PROT DETACHED FACILITY OUTSIDE LIGHTING FUEL STORE & DISPE WASH PLATFORM UTIL'S:WATER/SEWEI SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT CO	SIGN NSING R/GAS/ <b>DST</b>	SYS ÆLEC				SF LS LS LS LS LS	1,800 - - - - - -	15 - - - - -	(8) (35) (5) (60) (50) (55) (65) <b>8,456</b> (423) <b>8,879</b> (266)	

9,145

(0)

(82)

AIR CONDITIONING

45 TONS

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

FEDERAL REQUEST

STATE SHARE

A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a standing seam metal roof. A one or two-story structure with mechanical and electrical equipment and prewired work stations. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, helipad, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.

1. COMPONENT  ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE  Jun 01
3. INSTALLATION AN	ID LOCATION GULFPORT, MISSISSIPPI		
4. PROJECT TITLE	READINESS CENTER	5. PROJ	ECT NUMBER 280267
11. REQUIREMENT:	4,720 SM 50,811 SF ADEQUATE: NA SM SF SUBSTAN	IDARD:	1,858 SM 20,000 SF
time missions of the units readine REQUIREMENT facility with adm CURRENT SITT The current facility facility with adm CURRENT SITT The current facility facility with adm CURRENT SITT The current facility facility facility also caused the suneveness at expending unsuital IMPACT IF NO will continue to ADDITIONAL: protection/comb guides for protection/comb guides for protection facility faci	s project is to provide a 220-person readiness center of permanent to the assigned unit. The space will permit all personnel to perform the same special personnel to perform the same special personnel to perform the same special personnel to perform the same personnel to the project is on state land. (Current Mission E. A 4,720 SM (50,811 SF) readiness center is required to adequate a similar personnel personnel personnel to a special personnel personnel to a sequence of the personnel person	ercrowde er of 199 ent in the last he certon dition and retent required cope and ted 1 Juntype) de lities we see has been metric estable.	sary tasks that will improve ide the units housed in this d and substandard facility. 98 Hurricane George struck in masonry wall. Water has need that the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the structure of the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and training objectives in the facility has left the ion, and the ion, and the ion ion, and the ion ion, and the ion, and ion ion ion ion ion ion ion ion ion ion

1. COM	MPONENT	F	/ 2002 GUARD A	ND RESERVE	2. DATE
AF	RNG		MILITARY CONS	STRUCTION	Ju
3. INST		AND LOCATION JLFPORT, MISSISS	IPPI		,
4. PRO	DJECT TITLE RE	ADINESS CENTER			5. PROJECT NUMBER
12. SUP	PPLEMENTA	AL DATA:			•
a. ES	STIMATE	D DESIGN DATA:			
(1)	(a) (b) (c) (d) (e) (f)	DATE DESIGN STAPERCENT COMPL DATE DESIGN EXAPEDATE DESIGN COMPARAMETRIC COSAN ENERGY STUD	ETE AS OF JANUAR PECTED TO BE 35% MPLETE		<mark>0%</mark> <mark>6/00</mark> <mark>12/00</mark>
(2)	(a)	STANDARD OR DE	FINITIVE DESIGN - /AS MOST RECENT		NO X NA
(3)	) TOT	AL DESIGN COST (	c)=(a)+(b) or (d)+(e):	(2)	\$000)
	(b) (c) (d) (d)	ALL OTHER DESIG FOTAL CONTRACT			07.4) 53.7) 61.1 61.1) (0.0)
(4)	) CON	ISTRUCTION STAR	tT		11/01
(5)	i) CON	ISTRUCTION COM	PLETION DATE		2/03 (month and year)
		NT ASSOCIATED V PPROPRIATIONS	VITH THIS PROJECT	T WHICH WILL BE PRC	, , ,
NO	EQUIPMEN DMENCLATU		PROCURING <u>APPROPRIATION</u>	FISCAL YEAR APPROPRIATION OR REQUESTED	COST ( <u>\$000)</u>
KI J-: Pl	SIIDS	EQUIPMENT L FITNESS EQUIP RE	OMNG OMNG OMNG OMNG OMNG	FY 02 FY 02 FY 02 FY 02 FY 02	15 35 10 10 <u>12</u>
					00
				TOTAL	82

1. COMPONENT	FY 2002 GUARD AND RESERVE	2. DATE	
ARNG	MILITARY CONSTRUCTION	JU	N 01
3. INSTALLATION AN	ID LOCATION	4.AREA COST IN	CONSTR IDEX
K	ALISPELL, MONTANA		1.15
5. FREQUENCY AND	TYPE OF UTILIZATION	•	
	MINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY UNIT T REE TIMES PER MONTH.	RAINING A	SSEMBLY
6. OTHER ACTIVE/G	BUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
ARNG USAR		,688 SF ,258 SF	1988 1953
7. PROJECTS REQU	JESTED IN THIS PROGRAM		
CATEGORY <u>CODE</u> 17180	COST   PROJECT TITLE   SCOPE   (\$000)	DESIG <u>START</u> 09/01	N STATUS <u>COMPLETE</u> 01/02
	FORCES FACILITIES BOARD RECOMMENDATION		
	DENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RI CILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE	ESERVE	9 MAR 01
	OMMENDATIONS ARE UNILATERAL CONSTRUCTION.		Date
9. LAND AQUISITION	REQUIRED		
NONE		_	0
			(Number of acres)
10. PROJECTS PLAI	NNED IN NEXT FOUR YEARS		
RPM BACKLO	OG (\$000): \$266.5		
	VEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CO SED PROJECT AT THE ESTIMATED COST INDICATED."	ONSTRUCT	ΓING

1. COMPONENT ARNG	F	Y 2002 GUA MILITARY (		_	/E	2. DATE JUN 0	1
3. INSTALLATION AND	LOCATION				l		
KA	LISPELL, MONTANA	1					
11. PERSONNEL STRE	NGTH AS OF: 26	6 MAY 00			G	UARD/RESER	?VF
тс		NLISTED	CIVILIAN		<u>TOTAL</u>	OFFICER	ENLISTED
	11 2	9	0		127	15	112
ACTUAL	11 2	9	0		102	15	87
			PERCEN	NTAGE	80%		
12. RESERVE UNIT DA	ТА				0		
	LINIT DECIGNATIO	N I	A 1 1	TUODIZE	STRENG <sup>*</sup>		
	UNIT DESIGNATIO	<u>N</u>	AU	THORIZE	<u>:</u> υ	<u>ACTUAL</u>	
639TH QUARTI UIC: WPRHAA MTOE: 42447L	_	COMPANY (-) 31168		79		64	
· ·				48		38	
		ТОТА	L	127		102	
13. MAJOR EQUIPMEN	T AND AIRCRAFT						
TYF	<u>°E</u>		AUTHORIZED		ASSIGNED	<u>*</u>	
WHEELED			0		0		
TRAILERS TRACKS			0		0		
EQUIPMENT >	30 FT		0 0		0 0		
FUEL & M977 H			0		0		
HEMMT PLS/H			0		0		
	<u> </u>		0		0		
* Parking covere	ed under PN 300109						
14. OUTSTANDING PO	LLUTION AND SAFETY DEFI	CIENCIES: (\$000)					
A. AIR POLLU				ONE			
B. WATER PO				ONE			
C. OCCUPATION	ONAL SAFETY AND	HEALTH	N	ONE			

1. COMPONENT  ARNG			ARD AND RESERY CONSTRUCTION			2. [	JUN 0	1
3. INSTALLATION ANI KALIS		ON MONTANA				T TITLE	TER ADD	
5. PROGRAM ELEME 0505896A	NT	6. CATEGORY CODE 17180	7. PROJECT NUMBER 300117A	1		8. PROJEC	T COST (000) 822	
			9. COST ESTIMATES					
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY ARMORY ADDIT					SM	643	<i>'</i>	<b>761</b> (761)
ARMORY ALTER					SF SM SF LS	6,919 - -	110.0	-
ENERGY MAN SUPPORTING FAC SITE PREPARAT FINE GRADING & PLANTING RIGID PAVING	ILITIES ION	NT CONTROL SYSTEM			LS LS LS SM	- - - -	- - -	- 0 - - -
FLEXIBLE PAVIN	IG				SY SM SY	- - -	- -	
FENCING SIDEWALKS					M LF SM	- - -	-	- -
FLAGPOLE EXTERIOR FIRE DETACHED FAC OUTSIDE LIGHT UNHEATED MET	ILITY SIC ING	GN .			LS LS LS LS SM	- - - -	- - - -	
UTIL'S:WATER/S SUBTOTAL CONTINGENCY TOTAL CONTRACT SUPERVISION, I	(5%) F <b>COST</b>	GAS/ELEC ION & OVERHEAD (3%)			SF LS	-	-	761 (38) 799 (23)
TOTAL FEDERAL I	REQUES	T						822

### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

Addition to existing armory. Construction consists of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A one-story structure with mechanical and electrical equipment. No outside supporting facilities, to include military and privately-owned vehicle parking, fencing, sidewalks, access roads, detached facility sign, wash platform, fuel storage & dispensing system, or flagpole, are required. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and heating and ventilation systems.

Air Conditioning - 0 TONS

1. COMPONENT  ARNG	F\$7002 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE  JUN 01
3. INSTALLATION AND	D LOCATION KALISPELL, MONTANA		
4. PROJECT TITLE	READINESS CENTER ADD	5. PROJ	ECT NUMBER 300117A

11. REQUIREMENT: 3,591 SM 38,652 SF ADEQUATE: 1,413 SM 15,207 SF SUBSTANDARD: 0 SM 0 SF PROJECT: The addition of 6890 SF permanent mansory construction to an existing substandard armory, and supporting facilities of 2944 SF unheated storage, plus the alteration of 0 SF, as indicated above. Location is on a 16 acre State-owned site (New Mission).

<u>REQUIREMENT:</u> An addition/alteration is required to adequately provide the units housed in this facility with administrative, supply, classroom, and kitchen space required to achieve proficiency in required training tasks. Requirement based on addition of Army National Guard Division Redesign Study (ADRS) unit to existing force structure. The requirement listed above (38,652 SF) minus the adequate (15,207 SF) does not equal the amount of space ADRS will support. ADRS is not a get well program for the National Guard, and therefore does not support the full shortage (13,611 SF) of space requirements.

<u>CURRENT SITUATION:</u> The existing armory was not designed to accommodate the force structure increase inherent with the addition of ADRS unit. This has resulted in an increase in personnel, equipment, and training requirements. The facility is inadequate to fully support the assigned units due to the lack of adequate storage, administrative space and training area.

<u>IMPACT IF NOT PROVIDED:</u> The units will be unable to meet the requirements of their new mission and will lack the ability to meet readiness, recruiting and retention, and training objectives. Delays in the funding of this project will force the use of an inadequately sized facility and will result in a negative impact on troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will impair the attainment of required mobilization readiness levels.

ADDITIONAL: This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of Draft National Guard Pamphlet 415-12, 1 July 2000, and Design Guide 415-1, 1 January 2000. The most similar DoD standards for armory construction do not address all of the current criteria incorporated in the National Guard Armory design and thus do not yield accurate cost estimates. Therefore, State historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.

<u>JOINT USE CERTIFICATION</u>: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: SFC BOB KUNTZ/406-841-3165 CFMO: COL ALLAN STRICKER/406-841-3101

1. COMPONEN	IT .		ARD AND RESERVE CONSTRUCTION		2. date JUN 01
3. INSTALLATIO		LOCATION ISPELL, MONTANA		,	
4. PROJECT TI		ADINESS CENTER ADD		5. PRC	DJECT NUMBER 300117A
12. SUPPLEME	NTAL D	ATA:			
a. ESTIM	1ATE	DESIGN DATA:			
(a) (b) (c) (d) (e) (f)	PER DATI DATI PAR AN E	S: E DESIGN STARTED CENT COMPLETE AS OF 1 JA E DESIGN EXPECTED TO BE E DESIGN COMPLETE AMETRIC COSTS USED TO D NERGY STUDY AND LIFE CYO BE DOCUMENTED DURING F	35% COMPLETE DEVELOP COSTS CLE COST ANALYSIS		09/01 NA 11/01 01/02 NO
( )	` '	S: STANDARD OR DEFINITIVE D WHERE DESIGN WAS MOST F		NO	X NA
( ( (	(a) P (b) A (c) T (d) C	L DESIGN COST (c)=(a)+(b) or RODUCTION OF PLANS AND LL OTHER DESIGN COSTS DTAL ONTRACT I-HOUSE			(\$000) ( 0 ) ( 0 ) 74.0 (74.0) ( 0 )
(4)	CONS	STRUCTION START			<u>03/01</u>
(5)	CONS	STRUCTION COMPLETION DA	ATE _	(MO	03/02 INTH AND YEAR)
,		IT ASSOCIATED WITH THIS F	PROJECT WHICH WILL BE PR	ROVID	ED FROM
EQUIPN <u>NOMENCL</u> NONE		PROCURING <u>APPROPRIATIC</u>			COST (\$000)

1. COMPONENT		FY 2002 GU	ARD AND F	RESERVE		2. DAT	E
ARNG		MILITARY	CONSTRU	JCTION		Ju	ın 01
3. INSTALLATION AND LO	CATION					4. AREA CO	_
AASF, CONCORD	AIRPORT, CC	NCORD, NH				1.	06
	TRATION/UN	IT LEVEL AND INTERN OAY WEEKEND TRAINI					
ARNG CONG ARNG MANG	CORD CHESTER	LLATIONS WITHIN 15 MILES RAD 0.5 MILES 14.3 MILES 17.3 MILES	Δ Δ	ARMORY ARMORY ARMORY	99	,713 SF 151 SF ,729 SF	1961 1937 1965
7. PROJECTS REQUESTE	D IN THIS PROGRA	АМ					
CATEGORY  CODE  21110	AR	<u>JECT TITLE</u> MY AVIATION PPORT FACILITY	<u>SCOPE</u> 9,875 106,299	(\$000) 27,185	START Nov-99		OMPLETE ul-01
	FOR POSSI	1 #6 HAVE BEEN EXAN BLE JOINT USE / EXP TON.		_		_	2000
9. LAND ACQUISITION RE NONE	QUIRED					(Number o	6.66 +/-
10. PROJECTS PLANNED	IN NEXT FOUR YE	ARS				,	,
EV LOC	CATION	PROJECT TITLE	<u>E</u>	STIMATED (	COST (\$000)		
FY LOC				<b>#4.500</b>			
02 CON	CORD, NH CORD, NH	USPFO OFFICE ADD STARC READINESS		\$1,500 \$3,100			

1. COMPONENT		F	Y 200	2 GUARD AI	ID RESE	RVF		2. DATE	
ARNG		•		TARY CONS	_				Jun 01
3. INSTALLATION AND LOC. AASF, CONCORD A		, CONCORE	), NH						
11. PERSONNEL STRENGT	H AS OF:	25 AUC PERMANI					GUARD/	RESERV	<u> </u>
	<u> TOTAL</u>	OFFICER E	<u>NLISTEI</u>			<u>TOTAL</u>		ICER	<b>ENLISTED</b>
AUTHORIZED	51	6	1	44		114		31	83
ACTUAL	26	4	1	21		100 PERCENTAGE		26	74
12. RESERVE UNIT DATA						STRE	<u>ENGTH</u>		
<u>UNIT D</u>	ESIGNAT	<u>ION</u>				AUTHORIZED		ACTUAL	
HQ STARC (-DET 54 UIC: W8BHAA		& 2, 3) (AVIA TSPN: 567	,	TDA NGW8BH	AA	5		5	
OPERATIONAL SUP UIC: W8BHAA				18 MTOE 01-305 <i>A</i>	NG02	8		8	
1159TH MEDICAL CO UIC: W8BHAA		•		E) (-) MTOE 08447LI	NG08	101	8	37	
				SUBTOTAL		114	1	00	
13. MAJOR EQUIPMENT AN TYPE	D AIRCRAF	-T			AUTHORIZ	ZED	ASS	IGNED	
WHEELED					33		;	32	
TRAILERS					28		2	28	
C-12 D/F/R UH-60					1 9			1 9	
011 00					3			J	
14. OUTSTANDING POLLU	TION AND S	SAFETY DEFICIE	NCIES:			(\$000)			
A. AIR POLLUTION	J					(\$000) NONE			
B. WATER POLLU						NONE			
C. OCCUPATIONA		TY AND HE	ALTH			NONE			

1. COMPONENT ARNG

## FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

Jun 01

3. INSTALLATION AND LOCATION

AASF, CONCORD AIRPORT, CONCORD, NH

4. PROJECT TITLE
ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT 050896A

6. CATEGORY CODE 21110

7. PROJECT NUMBER 330028

8. PROJECT COST **27,185** 

9 COST ESTIMATES

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST (\$000)
Primary Facility				16,314
Hangar, Operation & Maintenance	SM	9076		
	SF	95987		
Aircraft Operations Building	SF	31640	153	4,841
Hanger, High Bay	SF	33141	172	5,700
Hanger, Maintenance/General Purpose	SF	31206	132	4,119
Fuel Truck & Ground Support Equipment Building	SM	813		
	SF	10312	132	1,361
Energy Management & Control System	LS			226.1
Force Protection/Anti-Terrorism	LS			66.6
SUPPORTING FACILITIES				8,822
SITE PREPARATION	LS			1,299
FINE GRADING & SEEDING	LS			182
DRAINAGE	LS			1,090
RIGID PAVING	SM	54943		1,000
THOIS ! AVIING	SY	65714	65	4,271
FLEXIBLE PAVING	SM	10251	90	7,271
I LEXIBLE I AVIIVO	SY	12260	42	515
FENCING & GATES	M	1230	42	313
I LIVOING & GATES	LF.	4037	36	146
FUEL STORAGE & DISPENSING SYSTEM	LS	4037	30	415
AIRFIELD LIGHTING	LS			196
WATER, SEWER, GAS, ELECTRIC	LS			471
SIGN	LS			5.8
LOCKERS	EA	425	315	43
	1	135 70		
AISLE LOCKERS/STORAGE	EA	'0	315	22
MAINTENANCE WORK BENCHES	LS			63
FLAGPOLE	LS			12
EXTERIOR FIRE PROTECTION FORCE PROTECTION/ANTI-TERRORISM	LS LS			27 64.0
PORCE PROTECTION/ANTI-TERRORISM	LS			64.0
SUBTOTAL				25,136
CONTINGENCY 5%				1,257
SUBTOTAL				26,393
SUPERVISION, INSPECTION & OVERHEAD 3%				792
TOTAL PROJECT				27,185
EQUIPMENT PROVIDED FROM OTHER FEDERAL APPROPRIATION			I	621.9

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Specifically designed Aviation Facility of permanent brick masonry and construction with built-up roof, concrete floors, mechanical and electrical equipment, partitions of masonry block. Supporting facilities of rigid paving for hanger apron, aircraft parking, hover lanes and taxiways, runup apron and service drive. Flexible paving for access drive, civilian parking, taxiway and apron shoulders. Fuel truck & GSE building. Fuel storage and dispensing system. Includes Aviation Life Support Equipment (ALSE) lockers, personnel, storage lockers, and maintenance work benches. Cost effective energy conserving features will be incorporated into design, including energy management control system and high efficiency motors, lighting and HVAC systems.

Air Conditioning - 56 Tons

1. COMPONENT  ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Jun 01			
3. INSTALLATION AND LOCATION AASF, CONCORD AIRPORT, CONCORD, NH						
4. PROJECT TITLE ARMY AVIATION	I SUPPORT FACILITY		JECT NUMBER 1028			

ADEQUATE: 0 SF

SUBSTANDARD: 28,449 SF

PROJECT: A new facility to provide administrative, maintenance, training and storage space in support

6. REQUIREMENT: 9,875 SM 106,299 SF

of ARNG Aviation activities. Facility built of permanent type construction for UH-60 aircraft. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (Current Mission).

<u>REQUIREMENT:</u> A facility requirement for 9,912 SM (106,696 SF) to permit organizational and intermediate maintenance levels to be performed on aircraft assigned. The facility will provide operational support to assigned units.

<u>CURRENT SITUATION</u>: The AASF is not adequate to support the present or future mission. Phase maintenance is being contracted out to Ft. Drum, NY and the Ct. AVCRAD at a cost of \$100,000.00 per aircraft and hanger space is presently being leased to house the C-12 at a cost of \$40,000.00 per year. Access to the airport will be discontinued with the construction of a new city road across the existing taxiway.

<u>IMPACT IF NOT PROVIDED:</u> Unit readiness will be degraded and the overall quality of work will decrease due to substandard work and storage areas to perform administrative, operational support, and aircraft maintenance duties. The airport will not be accessible due to construction of a city road across the taxiway to the airport. This will ground all aircraft and have a devastating effect on unit readiness. Phase maintenance will continue to be contracted out at a high cost.

<u>ADDITIONAL</u>: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 Jan 2000 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for AASF construction do not address all of the current criteria incorporated in the Army National AASF design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared.

ANTITERRORISM FORCE PROTECTION: This project has been coordinated with the State antiterrorism/physical security plan. Risk anf threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation and only minimum standards required by the "Interim DOD AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use p considerations and location are in compatible with use by other c

1. ARNG		GUARD AND RESE ARY CONSTRUCTION		2. DATE  Jun 01	
	L ON AND LOCATION ICORD AIRPORT, CONCORI	D, NH			
PROJECT TI	TLE TION SUPPORT FACILITY			5. PROJECT NUMBER 330028	
ZIVIT AVIA	THON SUPPORT FACILITY			330026	
. SUPPL	EMENTAL DATA:		•		
	A. ESTIMATED DESIGN DA	ATA:			
	(1) STATUS:				
	` ,	RTED ETE AS OF JANUARY 20 ECTED TO BE 35% CO		Nov-99 10% Aug-00	
	(D) DATE DESIGN CON			Jul-01	
		TS USED TO DEVELOP		NO	
	` '	Y AND LIFE CYCLE COS D DURING FINAL DESIG		YES	
	(2) BASIS				
	(A) STANDARD OR DE (B) WHERE DESIGN W			NO <u>X</u> - N/A	
	(3) TOTAL COST (C) =	(A) + (B) OR (D) + (E):		2,262	
	(A) PRODUCTION PLAI	NS AND SPECIFICATION	NS	1,508	
	(B) ALL OTHER DESIG			754	
	(C) TOTAL		0.504	2,262	
	(D) CONTRACT		@9%	2,262	
	(E) IN HOUSE REPRODUCTION C	F PLANS AND SPECIFI	CATIONS	0 15	
	(4) OCNOTO::OTIO::OT	TART		<b>B</b> 6:	
	(4) CONSTRUCTION ST (5) CONSTRUCTION CO			Dec-01 Jul-03	
	B. EQUIPMENT ASSOCIAT		CT WHICH WILL I	BE	
	T NOVIDED I NOW OTHER	ALL NOLNIATIONS.	FISCAL YEA	R	
	EQUIPMENT	PROCURING	APPROPRIA <sup>®</sup>		OST
	NOMENCLATURE	APPROPRIATION	OR REQUES		<u>(000</u>
	2 TRUCKS W/PLOWS	OPA	FY 03		59.2
	2 TRACTOR MOWERS	OPA	FY 03		13.2
	TELECOMMUNICATIONS PREWIRED ADMIN	OMNG OMNG	FY 03 FY 03		36.2 32.9
	WORKSTATIONS OFFICE FURNITURE	CivilNO	1100	(	JZ.J
	CLASSROOM/TRAINING/	OMNG	FY 03	1	70.4
	LEARNING FURNITURE		_		04.6
			٦	TOTAL 6	21.9

	<del>-</del>							
1. COMPONENT	FY 2	2002 GUARD	AND RESE	RVE		2. DATE		
ARNG	M	ILITARY CON	ISTRUCTIO	ON		Jun 01		
3. INSTALLATION A						4.AREA CONSTR COST INDEX		
	STATE MILITARY RESERVATION, CONCORD, NH 1.05							
5. FREQUENCY AN	ID TYPE OF UTILIZATION							
NORMAL AD	MINISTRATION FIV	E DAYS PER WE	EK, WITH A	TWO-DAY TRAI	NING	ASSEMBLY		
	REE TIMES PER MC		,					
6. OTHER ACTIVE/0	GUARD/RESERVE INSTALLAT	TIONS WITHIN 15 MILE	RADIUS					
ARNG M	MANCHESTER	13.8 MILES	ARMORY ARMORY ARMORY	'				
7. PROJECTS REQ	UESTED IN THIS PROGRAM							
CATEGORY CODE 17180				COST (\$000) 1,868	<u>STAR</u> 08/01			
e STATE DESERVA	E FORCES FACILITIES BOARI							
	IDENTIFIED IN ITEM		<b>EXAMINED I</b>	BY THE STATE	RESE	RVF		
	CILITIES BOARD FO	_		_	IXLOL	2 JUN 99		
BOARD REC	COMMENDATIONS A	RE UNILATERAI	CONSTRUC	CTION.		Date		
9. LAND ACQUISITION	ON REQUIRED					0		
NONE						(Atumbar of cares)		
						(Number of acres)		
10. PROJECTS PLA	ANNED IN NEXT FOUR YEARS  LOCATION	PROJECT T	TITLE	ESTIMATED	COS	T (\$000)		
05	CONCORD, NH	USPFO OFFIC	E ADDITION	5	\$1,500			
RPM BACKL	.OG (\$000):	\$0						
	RVEY HAS BEEN CO OSED PROJECT AT T				CONS	TRUCTING		

1. COMPONENT **FY 2002 GUARD AND RESERVE** ARNG **MILITARY CONSTRUCTION** 

2. DATE

Jun 01

3. INSTALLATION AND LOCATION

STATE MILITARY RESERVATION, CONCORD, NH

4.4	PERSONNEL	OTDENOT		15-Nov-99
11.	PERSONNEL	STRENGT	H AS OF	13-1404-99

<u>PERMANENT</u>				Gl	JARD/RESERV	<u>E</u>	
	<b>TOTAL</b>	<b>OFFICER</b>	<b>ENLISTED</b>	CIVILIAN	<b>TOTAL</b>	<b>OFFICER</b>	<b>ENLISTED</b>
AUTHORIZED	17	5	12	60	216	88	128
ACTUAL	17	5	12	60	198	86	112
				percentage =	92%		

12. RESERVE UNIT DATA

**STRENGTH** 

UNIT DESIGNATION		AUTHORIZED	<u>ACTUAL</u>
HQ STARC (-54TH TC & DET 2 & 3) UIC: W8BHAA TPSN: 46751	TDA: NGW8BHAA	211 *	196

DET 3, HQ STARC (SEL SVC)

UIC: W8BHA3 TPSN: 46751 TDA: NGW8BHAA 5 2

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<b>ASSIGNED</b>
WHEELED	8	8
TRAILERS	0	0
TRACKED	0	0 *
EQUIPMENT > 30-FT	0	0
FUEL & M977 HEMMT	0	0
HEMTT PLS/HET	0	0

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)

	<u>(\$000)</u>
A. AIR POLLUTION	NONE
B. WATER POLLUTION	NONE
C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT FY 200

### FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

Jun 01

3. INSTALLATION AND LOCATION

STATE MILITARY RESERVATION, CONCORD, NH

4. PROJECT TITLE
ADD/ALT READINESS CENTER

5. PROGRAM ELEMENT 0505896A

6. CATEGORY CODE 17180

7. PROJECT NUMBER 330002

8. PROJECT COST 1,868

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY READINESS CENTER ADDITION	SM SF	1,164 12,530	<b>721</b>	<b>1,793</b> (839)
READINESS CENTER ALTERATION/REHAB	SM SF	1,750 18,842	431	(754)
FORCE PROTECTION ENERGY MANAGEMENT CONTROL SYSTEM SUPPORTING FACILITIES	LS LS	18,842 - -	- -	(50) (150) <b>555</b>
SITE PREPARATION FINE GRADING & SEEDING PLANTING RIGID PAVING	LS LS LS SM	- - - 372	- - - 36	(46) (9) (1) (13)
FLEXIBLE PAVING	SY SM	12,120	30 18	- (217)
FENCING	SY M LF	14,496 91	15 46	(4)
SIDEWALKS	SM SF	298 <b>549</b> 1,800	14 13	(7)
FLAGPOLE EXTERIOR FIRE PROTECTION DETACHED FACILITY SIGN OUTSIDE LIGHTING FUEL STORE & DISPENSING SYS UTIL'S:WATER/SEWER/GAS/ELEC SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION & OVERHEAD (3%) FEDERAL REQUEST STATE SHARE	LS LS LS LS LS LS	- - - - - -	- - - - -	(5) (25) (3) (75) (80) (70) <b>2,348</b> 117 <b>2,465</b> 74 <b>1,868</b> (672)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(255)

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Addition, Alteration/Rehab of former AASF to a Readiness Center. Construction consists of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A two-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, and a detached facility sign. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.

Air Conditioning -

**165 TONS** 

1. COMPONENT ARNG MILITARY CONSTRUCTION

2. DATE Jun 01

3. INSTALLATION AND LOCATION STATE MILITARY RESERVATION, CONCORD, NH

4. PROJECT TITLE ADD/ALT READINESS CENTER

5. PROJECT NUMBER 330002

11. REQUIREMENT: 2,914 SM 31,372 SF ADEQUATE: 1,750 SM 18,842 SF SUBSTANDARD: 5,315 SM 38,372 SF

<u>PROJECT:</u> Alteration/Rehab of 28,449 SF of the existing substandard Readiness Center (Formally AASF), plus the addition of 12,530 SF of permanent masonry construction, and supporting facilities, as stated above. Location is on a 43 acre State-owned site. (New Mission)

<u>REQUIREMENT:</u> An addition/alteration is required to adequately provide the unit housed in this facility with administrative, supply, classroom, and kitchen space required to achieve proficiency in required training tasks.

CURRENT SITUATION: The existing facility (Former AASF) was built in 1974 and is in need of an addition and alteration to meet current mission requirements. The location change and mission of the unit has resulted in an increase in personnel, equipment, and training requirements. The facility is inadequate to fully support the unit due to the lack of adequate storage, administrative space and training area.

IMPACT IF NOT PROVIDED: The units will be unable to meet the requirements of its new mission and will lack the ability to meet its readiness, recruiting and retention, and training objectives. Delays in the funding of this project will force the use of an inadequately sized facility and will result in a negative impact on troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will impair the attainment of required mobilization readiness levels.

ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.

<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational

AT/FP POC: SFC David Stevens (603)225-1242 CFMO: LTC Stephen C. Burritt/(603)-225-1239

1. COMPONENT	FY 2	2002 GUARD AND	RESERVE		2. DATE	
ARNG		ILITARY CONSTR			Jun 01	
3. INSTALLATION AND LOCATION STATE MILITARY RESERVATION, CONCORD, NH						
4. PROJECT TITLE ADD/ALT READINESS CENTER 5. PROJECT NUMBER 330002						
12. SUPPLEMENTAL D	ATA:					
a. ESTIMATE	D DESIGN DATA:					
(b) PER (c) DAT (d) DAT (e) PAR (f) AN E	E DESIGN STARTI CENT COMPLETE E DESIGN EXPECT E DESIGN COMPL AMETRIC COSTS NERGY STUDY AN	ED AS OF JANUARY? TED TO BE 35% COM ETE USED TO DEVELOP ND LIFE CYCLE COS D DURING FINAL DE	2001 MPLETE COSTS T ANALYSIS		35% 01/01 09/01	
` ,	STANDARD OR DE	FINITIVE DESIGN - ` 'AS MOST RECENTL			X NA	
(3) TOTA	L DESIGN COST (	c)=(a)+(b) or (d)+(e):	(	\$000)		
(b) A (c) T (d) C	LL OTHER DESIG OTAL ONTRACT	PLANS AND SPECIFIC	9%	140.9 70.4 211.3 ( 0 )		
(4) CON	STRUCTION STAR	Т		9	03/02	
(5) CON	STRUCTION COMI	PLETION DATE			12/03	
	NT ASSOCIATED V PPROPRIATIONS	VITH THIS PROJECT		ROVIDE	(MONTH AND YEAR) ED FROM	
EQUIPMENT		PROCURING	FISCAL YEAR APPROPRIATION		COST	
NOMENCLATURE KITCHEN EC		APPROPRIATION OMNG	OR REQUESTED FY 03		<u>(\$000)</u> <b>50</b>	
J-SIIDS		OPA	FY 03		5	
PREWIRED A	ATIONS OFFICE	OMNG	FY 03		100	
CLASSROOM		OMNG	FY 03	_	100	
LEARINING	FIGNITURE			Total	255	

	FI ZU	002 GUARD AND RESE	ERVE	2. DATE	
ARNG	MII	LITARY CONSTRUCTIO	N	Jun 01	
INSTALLATION AND	LOCATION			4.AREA CONS	STR
FORT D	RUM, NEW YORK			1.1	0
Normal organiza	ining assemblies per mon	aintenance activities, to include a th. In addition, this activity will p			
OTHER ACTIVE/GUA	RD/RESERVE INSTALLATIONS	WITHIN 15 MILE RADIUS			
ARNG	CARTHAGE	17 MILES ARMORY	21,71		1959
ARNG	FORT DRUM	0 MILES MATES	74,28	3 SF	1963/64/81
PROJECTS REQUES	STED IN THIS PROGRAM				
CATEGORY  CODE	PROJECT TITLE	<u>SCOPE</u>	COST ( <b>\$000</b> )	<u>START</u>	DESIGN STATUS <u>COMPL</u>
21407	Phase 1, Maneuver	9,208 SM	17,000	May-00	Oct-
	Area Training Equipment Sit		,	.,	
ACILITIES IDEN	CES FACILITIES BOAR	MENDATION AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUC	E/EXPANSION.		14 Nov 00 Date
ACILITIES IDEI ESERVE FORC HE BOARD RE	NTIFIED IN ITEM #6 HA CES FACILITIES BOAR COMMENDATIONS AI	AVE BEEN EXAMINED BY TH RD FOR POSSIBLE JOINT US	E/EXPANSION.		Date
ACILITIES IDENT ESERVE FORCE HE BOARD RE	NTIFIED IN ITEM #6 HACES FACILITIES BOAR COMMENDATIONS AIREQUIRED	AVE BEEN EXAMINED BY TH RD FOR POSSIBLE JOINT US	SE/EXPANSION. CTION.		
ACILITIES IDENT ESERVE FOR CHE BOARD RELEASE LAND ACQUISITION SONE. 79+ AC	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOR THE PROPERTY OF THE PRO	AVE BEEN EXAMINED BY TH RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUC ORT DRUM FOR THIS PROJ	SE/EXPANSION. CTION.	0007.00	Date  0 (Number of across
ACILITIES IDEN ESERVE FORCE HE BOARD RE LAND ACQUISITION NONE. 79+ AC PROJECTS PLANN FY	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOUR YEARS LOCATION	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTORY ORT DRUM FOR THIS PROJECT TITLE	ECT	COST (\$	Onte O(Number of acro
ACILITIES IDENTIFIES I	NTIFIED IN ITEM #6 HACES FACILITIES BOAR COMMENDATIONS AF REQUIRED RES AVAILABLE AT FOR SECOND SECON	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTORY ORT DRUM FOR THIS PROJECT TITLE  Phase 2, MATES, PN 360190	ECT	COST (\$	0 (Number of acro
ACILITIES IDEN ESERVE FORCE HE BOARD RE LAND ACQUISITION NONE. 79+ AC PROJECTS PLANN FY	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOUR YEARS LOCATION	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTORY ORT DRUM FOR THIS PROJECT TITLE	ECT	COST (\$	Onte O(Number of acro
ACILITIES IDENTIFIES I	NTIFIED IN ITEM #6 HACES FACILITIES BOAR COMMENDATIONS AF REQUIRED RES AVAILABLE AT FOR SECOND SECON	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTORY ORT DRUM FOR THIS PROJECT TITLE  Phase 2, MATES, PN 360190	ECT  A	COST (\$	0 (Number of acro
ACILITIES IDEN ESERVE FORCE HE BOARD RE  LAND ACQUISITION NONE. 79+ AC  PROJECTS PLANN FY 03 04 04	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOUR YEARS LOCATION Fort Drum  Fort Drum  Fort Drum	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTORY  ORT DRUM FOR THIS PROJUMENT OF THE PROJECT TITLE  Phase 2, MATES, PN 360190  Phase 3, MATES, PN 360191	ECT  A		Onte  O(Number of across 0000) \$16.005
ACILITIES IDEN ESERVE FORCE HE BOARD RE  LAND ACQUISITION NONE. 79+ AC  PROJECTS PLANN FY 03 04 04	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOUR YEARS LOCATION Fort Drum  Fort Drum  Fort Drum	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTOR ORT DRUM FOR THIS PROJECT TITLE Phase 2, MATES, PN 360191  Armory (ADRS), PN 360195A	ECT  A		Onte  O(Number of across 0000) \$16.005
ACILITIES IDEN ESERVE FORCE HE BOARD RE  LAND ACQUISITION NONE. 79+ AC  PROJECTS PLANN FY 03 04	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOUR YEARS LOCATION Fort Drum  Fort Drum  Fort Drum	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTOR ORT DRUM FOR THIS PROJECT TITLE Phase 2, MATES, PN 360191  Armory (ADRS), PN 360195A	ECT  A		Onte  O(Number of across 0000) \$16.005
ACILITIES IDEN ESERVE FORCE HE BOARD RE  LAND ACQUISITION NONE. 79+ AC  PROJECTS PLANN FY 03 04 04	NTIFIED IN ITEM #6 HADES FACILITIES BOAR COMMENDATIONS AIREQUIRED RES AVAILABLE AT FOUR YEARS LOCATION Fort Drum  Fort Drum  Fort Drum	AVE BEEN EXAMINED BY THE RD FOR POSSIBLE JOINT US RE UNILATERAL CONSTRUCTOR ORT DRUM FOR THIS PROJECT TITLE Phase 2, MATES, PN 360191  Armory (ADRS), PN 360195A	ECT  A		Onte  O(Number of across 0000) \$16.005

FORM **1390s1** 

DD

1. COMPONENT		FY 2002	GUARD A	ND RESERVE		2. DATE	
ARNG	MILITARY CONSTRUCTION			Jun 01			
ANNG		WILLIA	KI CONSI	ROCTION		Juli 01	
3. INSTALLATION AND L	LOCATION						
FORT DRUM, NE	FORT DRUM, NEW YORK						
11. PERSONNEL STREE		1 Mar 01 PERMANENT			G	GUARD/RESER\	/F
	_	ICER ENLISTED	CIVILIAN		TOTAL		
AUTHORIZED	331	0 0	331		19,370	1,473	
ACTUAL	141	0 0	141	•	17,111	1,386	15,725
				Percentage = 8	38.34%		
12. RESERVE UNIT DA	TA					STRENGTH	
NE NE	W YORK UNIT D	ESIGNATION		ΑU <sup>-</sup>	THORIZE		<u>ACTUAL</u>
HHC(-) 42 ID (M) UIC: WPR7AA					268		249
Det #2 HHC/MMC UIC: WPEPA2	42 DISCOM				9		17
Det #1 HHB 42 ID UIC: WPFJA1	DIVARTY				23		19
OIC. WEI JAT							
				SUBTOTAL	300		285
13. MAJOR EQUIPMENT	Γ AND AIRCRAFT						
<u>TY</u>	<u>PE</u>			AUTHORIZED		<u>ASSIGNED</u>	*
WHEELED				30		30	
TRAILERS				18		18	
TRACKED				1,132		1,132	
EQUIPMENT >				0		0	
FUEL & M977 H HEMTT PLS/HE				0		0	
TILIWITI FLS/IIL	. 1			O		U	
* Delta non-colla	ated.						
14. OUTSTANDING POL	LUTION AND SAFET	TY DEFICIENCIES: (\$000	)	( <b>\$</b> 000)			
A. AIR POLLUT	TION			(\$000) NONE			
B. WATER POL				NONE			
C. OCCUPATION		AND HEALTH		NONE			

1. COMPONENT FY 2002 GUARD A MILITARY CONS	_	2. DATE Jun 01
3. INSTALLATION AND FORT DRUM, NEW YORK		
11. PERSONNEL STRENGTH AS  PERMANENT  TOTAL OFFICER ENLISTED CIVILIAN  AUTHORIZED  ACTUAL	<u>Gl</u> <u>TOTAL</u>	JARD/RESERVE OFFICER ENLISTED
12. RESERVE UNIT		<u>STRENGTH</u>
NEW YORK UNIT DESIGNATION  1 Bn 69 IN (M)  UIC: WPAQAA	<u>AUTHORIZE</u> I 813	<u>ACTUAL</u> 682
1 Bn 101 CAV UIC: WPA3AA	607	559
102 Maint Co JIC: WQCEAA	212	196
	SUBTOTAL 1632	1437
12. RESERVE UNIT  NEW YORK UNIT DESIGNATION	AUTHORIZEI	STRENGTH D ACTUAL
Co A(-) 1 Bn 108 IN JIC: WPARA0	92	92
Det #1 Co A 1 Bn 108 IN JIC: WPARA1	39	38
1 Bn 127 AR JIC: WPATAA	607	529
	SUBTOTAL 738	659

1. COMPONENT  ARNG	FY 2002 GUARD MILITARY CONS	_		. date in 01
3. INSTALLATION ANI	D			
FORT	DRUM, NEW YORK			
11. PERSONNEL STE TOT AUTHORIZED ACTUAL	RENGTH AS  PERMANENT  TAL OFFICER ENLISTED CIVILIAN		· · · · · · · · · · · · · · · · · · ·	RD/RESERVE DFFICER ENLISTED
12. RESERVE UNIT			<u>S1</u>	<u> rength</u>
NEW Y	ORK UNIT DESIGNATION	<u>AU</u>	THORIZED	<u>ACTUAL</u>
133 Maint Co UIC: WQCQAA			210	162
Co A(-) 152 EN I UIC: WPAWA0	3n		67	49
Co B 152 EN Bn UIC: WPAWB0			102	75
		SUBTOTAL	379	286
12. RESERVE UNIT			<u>S1</u>	<u>rength</u>
NEW Y	ORK UNIT DESIGNATION	<u>AU</u>	THORIZED	<u>ACTUAL</u>
Co C 152 EN Bn UIC: WPAWC0			102	90
1 Bn 258 FA UIC: WPSRAA			638	558
Co A 342 Fwd S UIC: WRVWA0	pt Bn		65	68
		SUBTOTAL	805	716

1. COMPONENT  ARNG	FY 2002 GUARD AI MILITARY CONST	2. DATE Jun 01	
3. INSTALLATION AN	D		
FORT	CDRUM, NEW YORK		
11. PERSONNEL STI TO AUTHORIZED ACTUAL	RENGTH AS  PERMANENT  [AL OFFICER ENLISTED CIVILIAN]	<u>G</u> I <u>TOTAL</u>	JARD/RESERVE OFFICER ENLISTED
12. RESERVE UNIT			STRENGTH
NEW Y	YORK UNIT DESIGNATION	<u>AUTHORIZE</u>	
Co B 342 Fwd S UIC: WRVWB0		267	183
Co C(-) 342 Fwo		55	66
Co B(-) 427 Spt UIC: WRVVB0	Bn	127	125
		SUBTOTAL 449	374
12. RESERVE UNIT			OTDENOTU
NEW Y	YORK UNIT DESIGNATION	AUTHORIZE	STRENGTH ED ACTUAL
642 MI Bn UIC: WPA5AA		76	90
107 Support Gro UIC: WQQVAA		232	229
		SUBTOTAL 308	319

1. COMPONENT FY 2002 GUARD A ARNG MILITARY CONS	_	2. DATE Jun 01
3. INSTALLATION AND		
FORT DRUM, NEW YORK		
11. PERSONNEL STRENGTH AS  PERMANENT  TOTAL OFFICER ENLISTED CIVILIAN  AUTHORIZED  ACTUAL	<u>GU</u> <u>TOTAL</u>	JARD/RESERVE OFFICER ENLISTED
12. RESERVE UNIT		STRENGTH
NEW YORK UNIT DESIGNATION	<u>AUTHORIZEI</u>	
HHD 342 FSB Bn UIC: WRVWTO	48	50
Co. B 342 FSB Bn UIC: WRVWBO	267	182
1 Bn 69 IN UIC: WPCJAO	813	644
	SUBTOTAL 1128	876
12. RESERVE UNIT		<u>STRENGTH</u>
NEW YORK UNIT DESIGNATION	<u>AUTHORIZEI</u>	<u>ACTUAL</u>
3 Bn 142 AVN UIC: WUATTO	121	106
HSC 427 SB Bn UIC: WRVVTO	180	173
Co. B(-) 427 SB Bn UIC: WRVVBO	48	50
	SUBTOTAL 349	329

	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION		
3. INSTALLATION AND			
FORT DRUM, NEW YORK			
11. PERSONNEL STRENGTH AS  PERMANENT  TOTAL OFFICER ENLISTED CIVILIAN  AUTHORIZED  ACTUAL		JARD/RESERVE OFFICER ENLISTED	
12. RESERVE UNIT		<u>STRENGTH</u>	
NEW YORK UNIT DESIGNATION	<u>AUTHORIZE</u>		
HHC 3 Bde UIC: WPROAA	85	91	
MASSACHUSETTS UNIT DESIGNATION			
1 Bn 102 FA UIC: WPANMM	524	470	
	SUBTOTAL 609	561	
12. RESERVE UNIT		<u>STRENGTH</u>	
MASSACHUSETTS UNIT DESIGNATION	<u>AUTHORIZE</u>		
181 EN Bn UIC: WPC WMM	441	384	
1 Bn 101 FA UIC: WPFVMM	632	496	
1 Bn 182 IN UIC: WPFUMM	813	676	
	SUBTOTAL 1886	1556	

1. COMPONENT  ARNG	FY 2002 GUARD A MILITARY CONS	2. DATE Jun 01	
3. INSTALLATION AN	D		
FOR1	DRUM, NEW YORK		
11. PERSONNEL STR  TOT  AUTHORIZED  ACTUAL	RENGTH AS  PERMANENT  [AL OFFICER ENLISTED CIVILIAN]		JARD/RESERVE OFFICER ENLISTED
12. RESERVE UNIT			<u>STRENGTH</u>
MASS.	ACHUSETTS UNIT DESIGNATION	<u>AUTHORIZE</u>	
101 EN Bn UIC: WPFVMM		441	370
272 Chem Co UIC: WVQSMM		153	102
PENNS 3 Bn 103 AR UIC: WPESPM	YLVANIA UNIT DESIGNATION	607	502
		SUBTOTAL 1201	974
12. RESERVE UNIT			STRENGTH
PENNS	YLVANIA UNIT DESIGNATION	<u>AUTHORIZE</u>	
1 Bn 109 FA UIC: WPGQPM		638	505
1 Bn 213 ADA UIC: WVD1PM		664	537
55 Bde UIC: WXBBPM		85	82
		SUBTOTAL 1387	1124

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1. COMPONENT	FY 2002 GUARD A	_	2. DATE
ARNG	MILITARY CONSTRUCTION		Jun 01
3. INSTALLATION ANI	)		
FORT	DRUM, NEW YORK		
11. PERSONNEL STF	RENGTH AS PERMANENT	GU	ARD/RESERVE
<u>TOT</u> AUTHORIZED ACTUAL	TAL OFFICER ENLISTED CIVILIAN	<u>TOTAL</u>	
12. RESERVE UNIT			
PENNS	YLVANIA UNIT DESIGNATION	AUTHORIZEI	STRENGTH  D ACTUAL
2 Bn 103 AR UIC: WZGUPM		607	522
337 EN Bn UIC: WPWMPN	1	441	400
<u>VERM</u> 86 Bde, 42 ID UIC: WPW8VM	ONT UNIT DESIGNATION	85	89
		SUBTOTAL 1133	1011
12. RESERVE UNIT			STRENGTH
<u>VERM</u>	ONT UNIT DESIGNATION	<u>AUTHORIZEI</u>	<u>ACTUAL</u>
1 Bn 86 FA UIC: WPXBVM		499	465
1 Bn 172 AR WPXEVM		607	556
2 Bn 172 AR WPXFVM		607	533
		SUBTOTAL 1713	1554

1. COMPONENT	FY 2002 GUARD A	ND DECEDVE	2. DATE
ARNG	MILITARY CONS		Jun 01
/ ((10	WILLIAM SONS	1110011011	Journ of
3. INSTALLATION AN	D		
FOR	F DRUM, NEW YORK		
11. PERSONNEL STR		911	
то-	<u>PERMANENT</u> TAL <u>OFFICER ENLISTED CIVILIAN</u>	<u>GU</u> TOTAL	ARD/RESERVE OFFICER ENLISTED
AUTHORIZED ACTUAL			
12. RESERVE UNIT			
VEDM	ONT UNIT DESIGNATION	AUTHORIZEI	<u>STRENGTH</u> D <u>ACTUAL</u>
186 Fwd Spt Bn WV53VM		418	376
<u>NEW</u> .	JERSEY UNIT DESIGNATION	400	444
Btry D 112 FA		106	144
UIC: WPEOAM			
		SUBTOTAL 524	520
12. RESERVE UNIT			<u>STRENGTH</u>
NEW .	JERSEY UNIT DESIGNATION	<u>AUTHORIZE</u>	<u>ACTUAL</u>
3 Bn 112 FA		665	629
UIC: WPE2AM			
0 Dr. 440 IN		040	202
2 Bn 113 IN UIC: WPE6AM		813	689
1 Bn 114 IN		813	643
UIC: WPE7AM			
		OLIDTOTAL COO.	1001
		SUBTOTAL 2291	1961

1. COMPONENT	FY 2002 GUARD A		2. DATE
ARNG	MILITARY CONST	<b>FRUCTION</b>	Jun 01
3. INSTALLATION ANI	D		
FORT	DRUM, NEW YORK		
101(1	BROW, NEW FORK		
11. PERSONNEL STR	RENGTH AS		
	PERMANENT		ARD/RESERVE
AUTHORIZED	TAL OFFICER ENLISTED CIVILIAN	TOTAL	OFFICER ENLISTED
ACTUAL			
12. RESERVE UNIT			
NEW CONTRACTOR	UEDOEV LINIT DEGIONATION		STRENGTH A OTHER
NEW S	IERSEY UNIT DESIGNATION	<u>AUTHORIZEI</u>	<u>ACTUAL</u>
5 Bn 117 CAV		584	473
UIC: WPE9AM			
50 Bde 42 ID		85	90
UIC: WPEKAM			
50 Main Spt Bn		917	1026
UIC: WPERAM			
		SUBTOTAL 1586	1589
12. RESERVE UNIT			
			STRENGTH
NEW S	JERSEY UNIT DESIGNATION	<u>AUTHORIZEI</u>	<u>ACTUAL</u>
2 Bn 102 AR		617	462
UIC: WQM2AM			
250 Fwd Spt Bn		434	518
UIC: WV51AM			
		SUBTOTAL 1051	980
		3021317L 1001	000

1. COMPONENT

**ARNG** 

# FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

Jun 01

3. INSTALLATION AND LOCATION

FORT DRUM, NEW YORK

4. PROJECT TITLE

Phase 1, Maneuver

Area Training Equipment Site

5. PROGRAM ELEMENT 0505896A 6. CATEGORY CODE 21407

7. PROJECT 360189

8. PROJECT COST (\$000) 17,000

9 COST ESTIMATES

9. COST ESTIMATES				
ITFM	U/M	PH I QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				12,470
MATES BUILDING	SM	8,214.7	1431.6	(11,761)
	SF	88,425	133.00	, , ,
FLAMMABLE MATS FACILITY	SM	0.0	0.0	(0)
	SF	1	50.00	
CONTROLLED WASTE FACILITY	SM		0.0	(0)
	SF		30.00	
UNHEATED METAL STORAGE BLD	SM	1	538.2	(535)
	SF	-,	50.00	
UNHEATED VEHICLES STORAGE SPACE	SM		0.0	(0)
FORCE PROTECTION	SF		25	(4.00)
FORCE PROTECTION	LS		100	(100)
ENERGY MANAGEMENT CONTROL SYSTEM	LS	-	75	(75)
SUPPORTING FACILITIES		_		3,220
EXTERIOR FORCE PROTECTION	LS		50	(50)
SITE PREPARATION	LS		1,486	(1,486)
FINE GRADING & SEEDING	LS		75	(75)
PLANTING (2% of Basic Building Cost)	LS	1	25	(25)
RIGID PAVING	SM	,	101.7	(465)
	SY	-, -	85	
FLEXIBLE PAVING	SM	-,	41.9	(157)
	SY	,	35	(,,,,,)
FENCING	M		65.6	(136)
OIDENALIZO	LF	6,784	20	(07)
SIDEWALKS	SM	1	161.5	(27)
IN/A OLL DI ATTODIA	SF	,	15	(0)
WASH PLATFORM	LS		0	(0)
DYNAMOMETER	LS		0	(0)
FUEL STORAGE & DISPENSING SYSTEM	LS	-	0	(0)
EXTERIOR LIGHTING	LS	-	75	(75)
LUBE AND INSPECTION RAMP	LS	-	0	(0)
LOAD RAMP	LS		0	(0)
DETACHED FACILITY SIGN	LS		5	(15)
FLAG POLE	LS	-	30	(30)
EXTERIOR FIRE PROTECTION	LS		30	(30)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	700	(700)
SUBTOTAL				15,740
CONTINGENCY (5% X 15741)				787
SUPERVISION, INSPECTION & OVERHEAD (3% X 15740.4)				472
TOTAL PROJECT REQUEST				17,000
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				400

<sup>10.</sup> DESCRIPTION OF PROPOSED CONSTRUCTION

Phase I: A specially designed MATES facility of permanent masonry and steel type construction, with built-up and sloped standing seam roof, concrete floors, energy efficient mechanical and radiant and hot water heating systems, electrical equipment, fire sprinkler system with required emergency power generator backup. Supporting facilities includes limited military vehicle parking and access roads and POV parking, security fencing, security lighting, loading ramp, flammable materials storage building, controlled waste handling facility, and sidewalks. Extension of electric, sewer, water and communication utilities on Fort Drum to the building site will be necessary. Typically this area required pier and grade beam foundations. Preliminary analysis indicates typical spread footing with some soil improvement. Actual foundation design will be determined during design. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.

117

AIR CONDITIONING-

35 TONS

1. COMPONENT	EV 2002 CHARD AND DECERVE		2. DATE				
FY 2002 GUARD AND RESERVE ARNG MILITARY CONSTRUCTION							
			Jun 01				
3. INSTALLATION AND LOCATION FORT DRUM, NEW YORK							
4. PROJECT TITLE ase 1, Maneuver Area Training Equipment Site		4. PROJ	JECT NUMBER 360189				
11. REQUIREMENT:	9,208 SM 99,115 SF ADEQUATE: NA SM SF SUBSTAND	ARD:	6,901 SM 74,283 SF				
ase 1, Maneuver Area Training Equipment Site 360189							

1. COMPONENT	FY 2002 GUARD AND RESERVE		2. DATE				
ARNG MILITARY CONSTRUCTION			Jun 01				
3. INSTALLATION AND LOCATION FORT DRUM, NEW YORK							
4. PROJECT TITLE Phase 1, Maneuver Area Training Equipment Site			JECT NUMBER 360189				
11. REQUIREMENT:	9,208 SM 99,115 SF ADEQUATE: NA SM SF SUBSTAN	DARD:	224 SM 2,415 SF				
IMPACT IF NOT PROVIDED: If this new MATES is not constructed, the reserve component units supported by this activity will continue to suffer from a lower maintenance posture. These units will be deprived of technological improvements in vehicle maintenance because of a lack of adequate facility space in their existing facilities. The existing facilities at Fort Drum are totally inadequate and do not support the maintenance readiness goals of the supported units. Many of the units affected by this situation are high priority force support package (FSP) and enhanced brigade units of the 27th Infantry Brigade. The existing facilities are functionally obsolete and have major structural, roof, and environmental problems to include asbestos contamination. Our intent is to provide a modern, safe working environment in a state-of-the-art maintenance facility, thus increasing the NYARNG's and in fact all the units supported overall readiness posture. The construction will also consolidate the MATES activities from three (3) obsolete buildings to one (1) new location, while freeing up an old facility for other uses by Fort Drum. If this new facility is not constructed the ability of the supported units to train and prepare for mobilization will continue to be degraded.  ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 July 2000 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard MATES design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to m							
- AT/FP POC:	James Rosencrans (518) 786-6161 CFMO: LTC	⊱Ray Sh	nields (518) 786-4309				

	1. COMPONENT FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION						2. DATE	Jun 01	
3. IN			LOCATION  T DRUM, NEW YO	DRK					
	ROJECT 1 Phase 1		neuve⊦Area Trainin	g Equipment Site			5. PRO	JECT NUMBER	60189
12. 8	SUPPLEME	ENTAL C	DATA:				•		
a. E	ESTIMA	TED I	DESIGN DATA:						
(	(a (b (c) (d	PEI DA <sup>-</sup> DA <sup>-</sup> PAI AN	TE DESIGN STAR RCENT COMPLET TE DESIGN EXPE TE DESIGN COMF RAMETRIC COST ENERGY STUDY	TED TE AS OF JANUARY . CTED TO BE 35% COPLETE S USED TO DEVELO AND LIFE CYCLE COTED DURING FINAL I	2002 DMPLETE  P COSTS DST ANA	 E S		100% Mar-01	
	(a (b	, ) W⊢	IERE DESIGN WA	INITIVE DESIGN - AS MOST RECENTLY	YES _ USED			X IA	
(	(a (b (c)	PRO ALL TO CO	OTHER DESIGN TAL NTRACT	D):  _ANS AND SPECIFIC. COSTS	<u>9%</u>			755.6 1,889.0 (1,889.0)	
				ETION				Apr-02	
	EQUIP	MENT		ITH THIS PROJECT \			(me	onth and year)	
	EQUIPM NOMENCL COMMI TELCO FURNIT	ATURE ERCIA M		PROCURING APPROPRIATION OPA OMNG OMNG		APPROPRIATION OR REQUESTED FY 03 FY 03 FY 03		(\$000) 100 150 150	
							Total	400	

1. COMPON	ENT		FY 2002	GUARD AND R	ESERVE		2. DATE	
ARNG			MILIT	ARY CONSTRUC	CTION		JUN 01	
3. INSTALLA		D LOCATION	I	NSNO= 39B20			COST	CONSTR INDEX 0.99
5. FREQUE	NCY AND	TYPE OF UTILIZ	ZATION					
		RATION FIVE DA MES PER MONTI		EK, WITH A TWO-DAY	TRAINING ASSEME	BLY		
				TONS WITHIN 15 MILE				
	HAMILTOI FELICITY		-	ARMORY ARMORY		,687 SF ,864 SF	1981 1959	
-	MIDDLET		45 MILES	ARMORY		,711 SF	1948	
7 PRO IECT	rs reque	ESTED IN THIS I	PROGRAM:					
CATEGORY	-		100 010 1111.		CC	ST I	DESIGN S	STATUS
CODE		PROJECT TITLE	Ξ	SCOPE		000)	START	
171		READINESS CE	NTER	9,363 SM		780		06/02
				100,788 SF				
				BOARD RECOMMEN		FO FAOU	LITIEO	l
				AMINED BY THE STAT THE BOARD RECOMM				
CONSTRUCT		2 001111 002/2/	(1 7 (1 <b>(</b> 0) (0) (1 )	THE BOTTLE TRECOMIN	END/MONO/ME OF	<b>11</b>	/ <b>\</b> L	
								20 APR 2001
								(Date)
O LAND AC	OITIZII IO'	N REQUIRED						(Date)
NONE	-QUISITIO	N REQUIRED						0
HOHE								(Number of acres)
10. PROJEC	 CTS PLANI	NED IN NEXT FO	OUR YEARS					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
CATEGOR								COST
CODE		PROJECT TITL	Ε		SCO	OPE		\$(000)
NONE						<u></u>		<u></u>
RPM BACK	(LOG (\$	000):	2,280					
				HE SITE IS SUITABLE I	FOR CONSTRUCTION	N OF TH	IE PROPO	DSED
PROJECT	AT THE E	STIMATED COS	INDICATEL	J				
I								

		1						
1. COMPONE	NT		FY 2002	2 GUARD A	AND RESERV	E	2. DATE	
ARNG			MILI	ΓARY CON	STRUCTION		JUN 01	
3. INSTALLAT	TON AND LOCA	TION						
CINCINNATI,	OHIO	INSNO=	39B20					
11. PERSONNI	EL STRENGTH	AS OF		1 JAN 00				
		PERM	IANENT			GU	ARD/RESE	ERVE
	<u>TOTAL</u>	<u>OFFICER</u>	<b>ENLISTED</b>	<u>CIVILIAN</u>		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	33	4	29	0		628	45	583
ACTUAL	31	4	26	1		470	47	423
					Percentage =	74.8%		
12. RESERVE	UNIT DATE							
						STRENC		_
	UNIT DESIGNA	<u>ATION</u>				AUTHORIZED	<u>ACTUAL</u>	
Headquarters, H	leadquarters Co	mpany (-), 1-	147 Armor			289	173	*
	WPNZT0	TSPN:		MTOE/TDA:	17375LNG25			
Company d, 1-1	47 Armor WPNZD0	TSPN:	02002	MTOE/TDA:	17375LNG25	63	42	*
OIC.	WFNZDU	ISFIN.	03063	WITOE/TDA.	17375LNG25			
Headquarters, H	<mark>leadquarters Det</mark>	achment, 512	2 Engineer De	tachment		38	48	*
UIC:	WXETAA	TSPN:	31370	MTOE/TDA:	05500LNG02			
1102 Engineer (	Company					440	404	*
1193 Engineer (	WXEVAA	TSPN:	21.406	MTOE/TDA	05463LNG02	110	121	-
OIC.	VALVAA	TOPIN.	31400	WITOL/TDA.	03403LNO02			
Troop A, 2-107	Cavalry, 38th Infa	antry Division				128	86	*
UIC:	WTYBA0	TSPN:	08038	MTOE/TDA:	17285LNG04			
					SUB-TOTAL =	628	470	
* UNITS THAT MU	JST TRAIN ON SAN	ME WEEKEND		(CON	ITINUED)			
13. MAJOR EG	QUIPMENT AND	AIRCRAFT						
	TYPE				AI ITH <i>C</i>	ORIZED	AC:T	UAL *
WHEELED	<u> </u>				147		147	
TRAILERS					65		65	
TRACKED					21		19	
EQUIPMENT	> 30-FT				1			
FUEL & M977					16		16	
HEMTT PLS/	HET				2			2
* Dame: 1	41	_						
	itioned at MATES			VICIEC				
14. OUTSTANI	OING POLLUTIC	N AND SAFI	LTY DEFICIE	NCIES:	(#000)			
A. AIR POLL	LITION				(\$000)			
B. WATER P					NONE NONE			
	TIONAL SAFET	Y AND HEAL	TH		NONE			
O. OCCUPA	HONAL SALET	I AND HEAL	111		INOINE			

				_		
1. COMPONENT	FY 2002 MILITARY	CONSTR	RUCTION	2. DATE		
ARNG	PROJEC	T DATA		JUN 01		
3. INSTALLATION AND LOCATION CINCINNATI, OHIO	N INSNO= 39B20	4. PROJE READI	CT TITLE NESS CENTER			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT COST (	\$000)	
0505896A	171	39015	57	9,780		
9. COST ESTIMATES						
	ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY READINESS CENTER  FLAMMABLE MATS STORA  UNHEATED METAL STOR E FORCE PROTECTION ENERGY MANAGEMENT CONTING FACILITIES SITE PREPARATION FINE GRADING & SEEDING PLANTING RIGID PAVING  FLEXIBLE PAVING  FENCING  SIDEWALKS  FLAGPOLE EXTERIOR FIRE PROTECT DETACHED FACILITY SIGN OUTSIDE LIGHTING FUEL STORE & DISPENSIN WASH PLATFORM UTIL'S:WATER/SEWER/GA FORCE PROTECTION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTIO TOTAL PROJECT COST	ONTROL SYSTEM  ONTROL SYSTEM  ON  ON  ON  ON  ON  ON  ON  ON  ON  O	SM SF SM SF SM SF LS LS LS SM SY M LF SM SY M LS LS LS LS LS LS LS LS LS LS	9,043 97,344 23 250 297 3,194 - - 13,403 16,030 16,123 19,284 495 1,624 167 1,800 - - - - -	1,098 102 689 63 613 57 50,000 150,000 25,000 35,000 60 50 30 25 46 14 42 4 5,000 25,000 4,000 75,000 80,000 65,000 70,000 50,000	(\$000)  10,327 (9,929) - (16) - (182) (50) (150) 1,798 (50) (25) (35) (802) - (482) - (23) - (7) - (5) (25) (4) (75) (80) (65) (70) (50)  12,125 (606) 12,731 (364) 13,095	
TOTAL STATE CONTRIBUT TOTAL FEDERAL CONTRIB					3,314 <b>9,780</b>	

A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A one-story structure with mechanical and electrical equipment, pre-wired workstations, and furniture. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, and flagpole. Physical security measures will be incorporated into design including access control system, maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.

Air Conditioning - 246 TONS

EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION	2. DATE	REPORT CONTROL SYMBOL
ARNG	PRO IECT DATA (Continuation)	ILINI 01	

711110	11100201 271171	O OTTERTIOISTITY	00.1.01
3. INSTALLATION AND LOCATION CINCINNATI, OHIO	INSNO= 39B20	4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
0505896A	171	390157	9,780
11. REQUIREMENT: 9,363	SM 100,788 SF ADEQUATE:	NA SM SF SUBSTAN	NDARD: NA SM SF

<u>PROJECT</u>: This project is to provide a readiness center, of permanent type construction, to serve the peace time missions of the assigned unit. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on state land. (Current Mission)

<u>REQUIREMENT</u>: This facility is required to house elements as described in page 2. These units will have a required strength of 628 personnel. The armory will provide the necessary administrative, training and storage areas required to achieve proficiency in required training tasks. A 15 acre state-owned site is available for this project.

CURRENT SITUATION: The Headquarters, Headquarters Company(-), 1-147th Armor is located in an inadequate facility at Shady Brook Rd with Company D, 1-147th Armory. This facility is 42 years old and has been determined to be structurally unsound and unfeasible for rehabilitation. Headquarters, Headquarters Detachment, 1193rd Engineer Company and Troop A, 2-107th Cavalry are located at Reading Road. The facility is 44 years old and inadequate to fully support engineer units and calvary due to the lack of adequate parking, storage and training areas. With the construction of a new readiness center, the Reading Road Armory and Shady Brook Armory will be closed and both facilities will be located at the proposed facility. Maintinace and repair costs are substantial for the aging facility.

IMPACT IF NOT PROVIDED: The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.

ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 July 2000 and Design Guide 415-1 dated 1 November 1999. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

1. COMPONENT	FY 2002 MILITARY	CONSTRUCTION	2. DATE	REPORT CONTROL SYMBOL
ARNG	PROJECT DATA	(Continuation)	JUN 01	
3. INSTALLATION AND LOCATION	N .	4. PROJECT TITLE		
CINCINNATI, OHIO	INSNO= 39B20	READINESS CENTER		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)
0505896A	171	390157	9,780	

ANTITERRIORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

#### ANTITERRORISM/FORCE PROTECTION: SUMMARY OF RISK AND THREAT ANALYSIS

IAW Ch 2, AR 190-51, DA PAM 190-51, FM-19-30, TM 5-853-1, Vol. 1, and the Army Corps of Engineering Planning Assistant computer software program, a risk and threat analysis was conducted of the proposed multi-unit Woodland Armory Community Center 10 acre building site/and local surrounding community by CW3 James Vanas, OHARNG AT/FP officer/Physical security Officer, and CPT Mark Scott, Supervisor OHARNG Facility Management Office on 27 December 2000. In conducting the risk analysis a visit was made to the Woodlawn Police Department, Jack Bennett, Assistant Chief of Police, for determination of criminal, terrorist or hostile threat potential. (The Woodlawn PD is directly across the street from the building site location). The results of the subject coordination revealed a negative probability of threat.

Primary asset categories examined were the motor pool, arms, communication/NVGs, miscellaneous pilferable assets, and the general civilian and or military population.

Assumptions made for this evaluation were that the minimum measures listed in Table 4-1, TM 5-853-1, Vol.1, for sitework elements and building elements would be met as would the DoD Antiterrorism/Force Protection Minimum standards listed in appendix 2, Interim Department of Defense Antiterrorism/Force Protection Construction Standards, dated 16 Dec.1999. The design basis threat (DBT) and the level of protection (LOP) for each asset category is contained on the enclosed asset/tactics matrix summary.

Operational measures described in AR 190-51, AR 190-11, OHARNG Regulations, OPLANS, SOPs, for each asset examined, in addition to, unit Physical security plans, Force Protection Plans, key control and access control, will be established, followed, and assessed, with oversight by the chain of command, to further mitigate the threat.

Motor Pool. Risk Level II, IAW AR 190-51, para 3-5. Reference, Chapters 5 through 9 TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for building elements selection. Will be located in an illuminated area protected by a 7-foot chainlink fence w/top guard IAW FM 19-30. For energy conservation, recommend using Demand Lighting Technology for the motor pool area. Operational measures will be IAW AR 190-51 and AR 190-13.

Arms Room. Risk Level II, IAW AR 190-51 and AR 190-11. Constructed in accordance with Appendix G, para G-1 (New Facility Criteria), Category II arms, AR 190-11. The arms room will be windowless. The arms room will be equipped with J-SIIDs alarm system and monitored IAW AR 190-11. Operational Measures will be IAW AR 190-11, OHARNG guidance, and local unit SOPs. Reference Chapters 6 through 9 and 11, TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for further criteria for design strategies.

Communications and Electronics equipment and night vision devices. Risk Level I, IAW AR 190-51, para 3-6. Reference Chapters 8-9, TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for further criteria for design strategies. Operational Measures will be IAW AR 190-51, AR 710-2, OHARNG guidance, and local unit SOPs.

Miscellaneous Pilferable Assets (federal property) Risk Level II, IAW AR 190-51. Reference Chapters 8-9, TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for further criteria for design strategies. Operational Measures will be IAW AR 190-51 and AR 710-2. OHARNG guidance and local unit SOPs.

General Civilian and or Military Population. Risk Level I, IAW AR 190-51. Reference Chapters 5-9 and 11, TM 5-853-1 Vol. 1 for further criteria for design strategies. Operational Measures will be IAW AR 190-51, OHARNG Force Protection guidance, and local unit SOPs.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: CW3 James Vanas (614)336-7261 CFMO COL William Radford (614)336-

1. COMPONENT	FY 2002 MILITARY C	ONSTRUCTION	2. DATE	REPORT CONTRO SYMBOL				
ARNG	PROJECT DATA	(Continuation)	JUN 01	51MB6E				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE						
CINCINNATI, OHIO	INSNO = 39B20	READINESS CENTER						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (S	6000)				
0505896A	171	390157	9,780					
12. SUPPLEMENTAL DATE								
a. ESTIMATED DESIGN DATA:								
(1) STATUS:								
` '	ΓARTED							
	LETE AS O JULY (PECTED TO BE 35% COMP	2001						
` ,	RPECTED TO BE 35% COMP RPECTED TO BE 100% COM							
	OSTS USED TO DEVELOP COM							
\ <i>\</i>	CONTRACT							
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.								
	ED DOMINO I INAL DEGICIN.							
(2) BASIS:	DEFINITIVE DESIGN	VEC NO V						
` '	WAS MOST RECENTLY USE	YES NO X NA						
( )	COST (c)=(a)+(b) or (d)+(e)	(\$000)						
• •	F PLANS AND SPECIFICATION	(, ,	(543)					
` '	IGN COSTS							
` '								
(e) IN-HOUSE			(0.0)					
COST OF REPR	ODUCTION OF PLANS AND	SPECS	(7.5)					
(4) CONSTRUCTION	N CONTRACT AWARD DATE		07/02					
(5) CONSTRUCTION	N START		08/02					
(6) CONSTRUCTION	N COMPLETION DATE		12/04					
( )	ATED WITH THIS PROJECT	WHICH WILL BE PROV						
OTHER APPROPRIA		VVI HOLL VVILL DE I NOV	IDED I NOIVI					
		FISCAL YEAR						
EQUIPMENT	PROCURING	APPROPRIATION	COST					
<u>NOMENCLATURE</u>	<u>APPROPRIATION</u>	OR REQUESTED	<u>(\$000)</u>					
KITCHEN EQUIPMENT	OMNG	FY 03	246					
FURNITURE	OMNG	FY 03	212					
TELECOMMUNICATIONS	OMNG	FY 03	80					
J-SIIDS  PHYSICAL FITNESS EQUIF	OPA PMENT OMNG	FY 03 FY 03	45 30					
THOOALTHNESS EQUI	IVILIAI	1100	30					
		TOTAL	613					

1. COMPONENT FY 2002 GUARD AND RESERVE						2. DATE:		
ARNO	3	MILITARY CO	NSTRUCTION		Ju	n 01		
3. INSTALLATION	N AND LOCATION				4. ARE	A CONSTR		
	MITCHELL,	SOUTH DAKOTA				.95		
5. FREQUENCY	AND TYPE OF UTIL	.IZATION						
		NANCE ACTIVITIES TWENT AINING ASSEMBLY PER M		PER MONTH, V	VITH ONE			
6. OTHER ACTIV	/E/GUARD/RESERV	/E INSTALLATIONS WITHIN 15 MILE RA	ADIUS					
ARNG ARNG ARNG	MITCHELL MITCHELL MITCHELL	0 MILES READINESS CE 0 MILES ORGANIZATION 0 MILES COMBINED SU	NAL MAINTENANCE	E SHOP 4	1,763 SF 1,845 SF 1,526 SF	1959/93 1968/90 1952		
7. PROJECTS RI	EQUESTED IN THIS	PROGRAM						
CATEGO CODE 2188	_	PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP	SCOPE 8,011 SM 86,227 SF	COST (\$000) 14,228	DESIGN S <u>START</u> Jul-98	STATUS <u>COMPLETE</u> Jun-01		
FACILITIES COMPONE	S IDENTIFIED ENTS FACILIT	LITIES BOARD RECOMMENDATION IN ITEM 7 HAVE BEEN EXA IES BOARD FOR POSSIBLE RE UNILATERAL CONSTRI	JOINT USE/EXPA		OARD	ust 2000		
					D	ate		
9. LAND AQUISIT	TION REQUIRED					0		
NONE					(Numbe	r of acres)		
10. PROJECTS F	PLANNED IN NEXT	FOUR YEARS						
NONE								
RPM BACKL	OG (\$000): \$4	499.3						
		BEEN COMPLETED AND TO			TRUCTION	N OF		

DD FORM MAY 78 1390s1

1. COMPONENT FY 2002 GUARD AND RESERVE									2. DATE:	
ARNG					TRUCTION			Ju	n 01	
3. INSTALLATION	AND LOCA	TION							1101	
МІТ	CHELL	, SOUTH DA	KOTA							
11. PERSONNEL S	TRENGTH	AS 03 AUG 0	00							
		PERM	<u>ANENT</u>				GUARD/RE	SERVE		
<u> </u>	OTAL	<b>OFFICER</b>	<b>ENLISTED</b>	CIVILIAN	<u> </u>	TOTAL	<u>OF</u>	FICER	<b>ENLISTED</b>	
AUTH	83	0	0	83		2318		146	2172	
ACTUAL	47	0	0	47		2234	,	119	2115	
					Percentage =	96%				
12. RESERVE UNI	Т							OTDENIC	)TII	
		NIT DECIONAT	TON				•	STRENC		
LINITS SLIDDODT		NIT DESIGNAT HE COMBINED		NTENANCI	E SHOP INCLUDE		<u> </u>	<u>.UTH</u>	<u>ACTUAL</u>	
ONITS SUFFORT	CDBII	HE COMBINEL	SUFFURT WIAI	INTENANCI	E SHOP INCLUDE					
ORGANIZATION	AL MAINT	ENANCE SHO	P#4							
2d Battalion, 147		•						409	390	
WP29AA, 218	-								40	
2147th Field Arti WP2999, 218	•		rt leam					25	19	
ORGANIZATION			P#5							
665th Maintenar								116	110	
WQD2AA, 31		•								
Company C, 153	d Engine	er Battalion (Co	mbat) (Mechaniz	ed)				123	109	
WP1GC0,213	-									
Battery A, 1st Ba	-		•	071 110 00				91	94	
		et System) WP4	BA0,21825, 064	67LNG02				41	39	
147th Army Ban WQKSAA, 30		131 NG04						41	38	
Combined Suppo								56	31	
WQD299, 31	125, NGV	, QD299								
ORGANIZATION	AL MAINT	ENANCE SHO	P#6							
200th Engineer (		•	n Bridge) *					181	162	
WP78AA, 314	-		D#0							
ORGANIZATION/ 88th Troop Com		ENANCE SHO	P#8					24	27	
W8A7A3, 567		8A7AA						27	21	
740th Transporta	-							175	172	
WQH6AA, 35	690, 5572	27LNG01								
1742d Transport								198	204	
WQL7AA, 356	-		D#0							
ORGANIZATION/ Headquarters an				r Battalion //	Combat)			121	130	
		0, 21366, 0543		Dattailon (	oonbar,				100	
ORGANIZATION										
Company B, 153	d Engine	er Battalion (Co	mbat) (Mechaniz	ed)				123	113	
WP1GB0,213	-		<u></u>							
Headquarters an		•	147th Field Artille	ery Brigade				110	112	
WP2TAA, 218 Headquarters, H	•		Rattery 1st Rott	alion 147th	Field Artillery			122	111	
			BB0, 21825, 064		i ielu Attiliety			144	111	
Battery B, 1st Ba								91	110	
			BT0, 21825, 064	166LNG02						
Battery C, 1st Ba								91	88	
(Multiple Laur	ch Rocke	et System) WP4	BC0, 21825, 06				_			
				SUBTOTA	L		2	2097	2021	

1. COMPONENT FY 2002 GU	FY 2002 GUARD AND RESERVE							
ARNG MILITARY	CONSTRUCTION		Jun	01				
3. INSTALLATION AND MITCHELL, SOUTH DAKOTA								
12. RESERVE UNIT			STRE	NGTH_				
UNIT DESIGNATION			AUTH	ACTUAL				
UNITS SUPPORTED BY THE COMBINED SUPPORT MAIN	NTENANCE SHOP INCL	JDE						
ORGANIZATIONAL MAINTENANCE SHOP #10 (CONTINU	IFD)							
Detachment 5, 3203d Ordnance Missile Support Company	,							
WPC3A5, 33022, 09629LNG01								
ORGANIZATIONAL MAINTENANCE SHOP # 11								
Company A, 153d Engineer Battalion (Combat) (Mechanized	1)		123	119				
WP1GA0,21366, 05437LNG01 Company B, 109th Medical Battalion**			68	64				
WQBAB0, 32752, 08455LNG01			00	64				
W&B/186, 62762, 66466214661	SUBTOTAL		221	213				
	TOTAL		2318	2234				
JNITS SUPPORTED BY THE ORGANIZATIONAL MAINTENANCE SHOP INCLUDE								
Company A, 153d Engineer Battalion (Combat) (Mechanized	1)		123	119				
WP1GA0,21366, 05437LNG01 Company B, 109th Medical Battalion**			68	64				
WQBAB0, 32752, 08455LNG01 665th Maintenance Company (-) (General Support)			116	110				
WQD2AA, 31118, 43649LNG08 Company C, 153d Engineer Battalion (Combat) (Mechanized	1)		123	109				
WP1GC0,21366, 05437LNG01	•/							
Battery A, 1st Battalion, 147th Field Artillery (Multiple Launch Rocket System) WP4BA0,21825, 06467	'LNG02		91	94				
147th Army Band			41	39				
WQKSAA, 30420, 12113LNG04 Combined Support Maintenance Shop # 1			56	31				
WQD299, 31125, NGWQD299								
Headquarters and Headquarters Company, 153d Engineer B (Mechanized), WP1GT0, 21366, 05436LNG01	sattalion (Combat)		121	130				
(Wedtallized), WF1G10, 21300, 03430LNG01	TOTAL		739	696				
* Denotes Force Support Package 1 units.	** Denotes Fo	orce Support Packa	ge 2 units.					
13. MAJOR EQUIPMENT AND AIRCRAFT	ם מיול	Act (Cal.)	Act (pool)					
Type Wheeled	<u>Req'd</u> 636	Act (Col.) 9	Act (ncol) 621					
Trailers	476	3	452					
Tracked	145	Ö	126					
Equipment >30	62	0	61					
Fuel & M977 HEMMT	18	0	13					
HEMMT PLS/HET	<u>117</u>	0	_155					
TOTAL	1454	12	1428					
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$00)	0)							
A. AIR POLLUTION		NONE						
B. WATER POLLUTION		NONE						
C. OCCUPATIONAL SAFETY AND HEALTH		NONE						

1. COMPONENT		FY 2002 GUARD AND RESERVE							
ARNG		MILITAR	Y CONS	TRUCTION					
3. INSTALLATION A	ND LOCATION	ON			4.	PROJECT TITI	LE .	un 01	
MIT	CHELL, \$	SOUTH DAKOTA				COMBINED MAINTENAN			
5. PROGRAM ELEM	IENT	6. CATEGORY CODE	7	. PROJECT NUI	MBER	8. PR	OJECT COST (\$0	000)	
0505896 <i>F</i>	١	0			0074		14,228		
		9.	COST EST	IMATES				COST	
		ITEM			U/M	QUANTITY	UNIT COST	(\$000)	
PRIMARY FACILI	ΓY								10,533
SURFACE EQU	IPMENT N	MAINTENANCE COMPLEX	(		SM	8,011	1,171		(9,383)
					SF	86,227	109		
FORCE PROTECTION LS LS LS LS LS LS LS LS LS LS LS LS LS						(650)			
SUPPORTING FA		SYSTEM			LS				(500)
SITE PREPARA	-				LS				<b>2,258</b> (400)
FINE GRADING		DING			LS				(53)
PLANTING	7111D OLL	DI110			LS				(188)
SECURITY FEN	ICING				М	704	60		(42)
					LF	2,310	18		,
UTILITIES	UTILITIES				LS				(26)
EXTERIOR FIRI	E PROTEC	CTION			LS				(7)
Rigid Paving					SM	18,483	61		(1,123)
					SY	22,105	32		
Flexible Paving					SM	3,245	27		(88)
OLIDDO					SY	3,881	21		(50)
CURBS					M <i>LF</i>	841 2,760	62 19		(52)
WALKS					SM	167	47		(8)
WALKO					SF	1,800	4		(0)
FLAGPOLE					LS	1,000	•		(3)
DETACHED FA	CILITIES S	SIGN			LS				(9)
EXTERIOR AND	SECURIT	TY LIGHTING			LS				(75)
MILITARY VEHI	CLE LOAD	DING RAMPS			EA	2	32,310		(65)
FORCE PROTE	CTION				LS				(40)
TELECOMMUN					LS				(80)
OTHER SUPPORT		PMENT							494
DYNAMOMETE		NIO MATERIAL VA CUUMA	OVOTENA		LS LS				(38)
		OUS MATERIAL VACUUM	SYSTEM		LS				(170)
HOT WATER PA					LS				(81)
PAINT SPRAY S	STSTEIVI (I	TVLP)			LS				(205) <b>13,284</b>
CONTINGENCY	(0%)								664
TOTAL CONTRAC	` ,								13,949
		ION & OVERHEAD (2%)							279
1	• •	(- /0)				ı	i	l	5

10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIP PROVIDED FROM OTHER APPR (NON-ADD)

A 8,011 square meter surface equipment maintenance complex that includes both support and organizational maintenance shops. The structural steel and masonry building will have a concrete floors and a mix of metal and built-up roofs. Supporting facilities include privately-owned and military vehicle parking, sidewalks, exterior fire protection, outside lighting, vehicle loading ramps, a cannibalization area, and a fuel distribution point. Physical security measures will be incorporated into the design, including door card readers, closed circuit television, maximum feasible standoff distance from roads and parking areas, berms and heavy landscaping.

14,228

(86)

TOTAL PROJECT COST

1. COMPONENT	FY 2002 GUARD AND RESERVE	2. DATE:						
ARNG	Jun 01							
3. INSTALLATION AN	ND LOCATION	·						
MIT	MITCHELL, SOUTH DAKOTA							
4. PROJECT TITLE		4. PROJECT NUMBER						
COMBINED S	SUPPORT MAINTENANCE SHOP	460074						

11. REQUIREMENT:

8,011 SM 86,227 SF ADEQUATE: 0 SM 0 SF SUBSTANDARD: 2,929 SM 31,526 SF

PROJECT: This project provides safe, adequate support and organizational maintenance facilities, with energy efficient mechanical and electrical systems, capable of supporting current mission requirements. REQUIREMENT: Logistic facilities of 8,011 square meters are required to provide adequate maintenance facilities for supported unit-assigned vehicles and equipment. Today's equipment and systems require suitably configured, modern facilities capable of meeting size and technological standards. Ample ceiling heights, workbay size, and specialized repair areas are needed to satisfactorily accommodate maintenance work. Improved ventilation/circulation and increased space are essential in supporting a safe work environment for employees. Existing facilities are unable to be renovated/expanded cost-effectively. This facility is being constructed on 40 acres of land leased to the state.

CURRENT SITUATION: The current maintenance facilities, a portion of which were build 47 years ago, are inadequate in terms of size, capabilities, and building systems. Maintenance productivity and efficiency are degraded by the limited space, the physical layout and the physical restrictions of the existing facilities. These constraints preclude necessary maintenance activities for the mission of the supported units and negatively impact their unit readiness. Heating, lighting, and ventilation systems are substandard, and waste energy. Technician safety is continuously threatened by inadequate overhead lifting devises and other life-safety violations inherent in this old of a facility. Annual maintenance and repair expenses are high. The antiquated nature of the facilities makes renovation to achieve current criteria more expensive than new construction. Moreover, on-going technician staffing reductions necessitate this type of maintenance facility collocation/consolidation to most efficiently utilize available manpower resources. This facility will eliminate duplication of common use areas and will provide a full-service, one-stop maintenance shop.

<u>IMPACT IF NOT PROVIDED</u>: Continued use of existing facilities will cause safety, energy inefficiency, and work inefficiency problems to be unabated. Unit readiness, troop morale, and retention will continue to suffer.

ADDITIONAL: This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-2 dated 1 Jan 2000. The most similar DoD standards for maintenance facility construction do not address all of the current criteria incorporated in the Army National Guard Logistic Facilities design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit costs and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: COL DENNIS FLANERY (605) 737-6720 CFMO: COL NANCY WETHERILL (605) 737-6600

1. COM	1PONENT	FY	2002 GUARD AND RESERVE		2. DATE:	
AF	RNG		Jun 01			
3. INST		ND LOCATION CHELL, SOUTH DAKC	DTA			
4. PRO	JECT TITLE			5. PROJEC	T NUMBER	
CON	/BINED	SUPPORT MAINTENAI	NCE SHOP	4	60074	
12. SUP	PLEMENTA	L DATA:				
a. ES	TIMATE	D DESIGN DATA:				
(1)	(a) D (b) P (c) D (d) D (e) P (f) Al	ATE DESIGN STARTE ERCENT COMPLETE ATE DESIGN EXPECT ATE DESIGN COMPLI ARAMETRIC COSTS U V ENERGY STUDY AN	AS OF 1 JANUARY 2001 ED TO BE 35% COMPLETE	Jul-98 65% Mar-00 Jun-01 NO		
(2)	(a) S	TANDARD OR DEFINI	TIVE DESIGN - YES MOST RECENTLY USED	NO <u>X</u> N/A		
(3)	(a) P (b) A (c) T (d) C	LL OTHER DESIGN	or (d) + (e): NS AND SPECIFICATIONS	(\$000) 797.1 398.5 1,195.6 1,195.6 (0)		
(4)	CONS	STRUCTION START		May-02		
(5)	CONS	STRUCTION COMPLE	TION	Jan-03		
	-	IT ASSOCIATED WITH PPROPRATIONS	I THIS PROJECT WHICH WILL BE	FISCAL YEAR	MC	
	EQUIPME	NT P	ROCURING	APPROPRIATION	CC	OST
<u>NO</u>	MENCLA7	TURE APP	<u>ROPRIATION</u>	OR REQUESTED	<u>(\$0</u>	<u>)00)</u>
	urniture		OMNG	FY 03		11
	-	-urnishings	OMNG	FY 03		14
-		rea Furnishings	OMNG	FY 03	1	15
	Equipment		OMNG			
relecon	nmunicatio	ns Equipment	OMNG	FY 03		16
					Total 8	36

1. COMPONENT	_	V 2002 GI	JARD AND	DECED!	/ <b>=</b>		2. DATE		
ARNG			Y CONSTRI	_	<i>,</i>		Jun (	01	
3. INSTALLATION A	AND LOCATION						4.AREA (		
Н	ENDERSON, TE	ENNESSEE					0.8	87	
	ND TYPE OF NDMINISTRATIO TWO OR THRI			WITH A T\	NO-DAY	TRAINI	NG		
6. OTHER ACTIVE	/GUARD/RESERVE IN	STALLATIONS W	ITHIN 15 MILE RAD	DIUS					
ARNG SI	ACKSON ELMER EXINGTON	17 MILES 20 MILES 24 MILES	READINESS READINESS	CENTER		37,570 21,744 19,800	SF	1972 1993 1987	
7. PROJECTS REC	QUESTED IN THIS PR	OGRAM							
CATEGORY <u>CODE</u> 21407	PROJECT TI ORGANIZA MAINTENA	TIONAL	SCOPE 836 SM 9,001 SF		cost (\$000) 2,012	STAR Oct-9	<u> T</u>	COMPLETE Oct-00	
FACILITIES ID	RESERVE FORCES B DENTIFIED IN IT	EM #6 HAVE	BEEN EXAMI						
	RCES FACILITI RECOMMENDA <sup>-</sup>					NSION	N. <u>14 OCT 99</u> Date		
THE BOARD I	KLOOMMENDA	TIONO AIL C	JNILATEIVAL C		) i i i i i i i i i i i i i i i i i i i				
9. LAND ACQUISITE NONE	TION REQUIRED							0 Number of acres)	
10. PROJECTS PL READINESS	ANNED IN NEXT FOU	JR YEARS							
RPM BACKL	OG (\$000):	\$0							
	RVEY HAS BEE					FOR C	ONSTR	UCTING	

DD FORM 1390s1

			+	
1. COMPONENT	EV 2000 OLIABB AND	DE0EDVE	2. DATE	
ARNG	FY 2002 GUARD AND MILITARY CONST	Jun 0 <sup>-</sup>	1	
3. INSTALLATION AND L	OCATION			
HENDERSON	I, TENNESSEE			
11. PERSONNEL STREE	NGTH AS OF: 27 JUN 00		0	
	PERMANENT	<del>-</del>	GUARD/RESE	
	TAL OFFICER ENLISTED CIVILIAN 7 0 7 0	_	<u>OTAL</u> <u>OFFICER</u> 179 22	ENLISTED 157
	5 0 5 0		137 15	122
ACTOAL			76.54%	122
10 DECEDI/E HINIT DA	тл		STRENGTI	<b>-</b>
	UNIT DESIGNATION	<u>AUTH</u>	ORIZED	ACTUAL
HHSB, 2-115TH UIC: WPA MTOE: 06425A	ETO TPSN: 21862		165	122
DETACHMENT UIC: WTR MTOE: 43209L			12	13
	ARTILLERY BATTALION AUG (FST) E99 TPSN: 21862 Colocated		2	2
			0	0
TOTAL		-	179	137
13. MAJOR EQUIPMENT		ALITHODIZED	ASSIGNED	
<u>TYPE</u>		AUTHORIZED MAINTENANCE	ASSIGNED PERMANENT PA	RKING
WHEELED		147	7	*
TRAILERS		69	9	*
TRACKED		0	0	*
EQUIPMENT >		18	0	
FUEL & M977 H		4	1	
HEMTT PLS/HE	T .	0	<u>0</u> 17	*
TOTAL		238	17	
* Remaining Vehic	cles Assigned Permanent Parking at MAT	ES		
14. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES: (\$000)			
A. AIR POLLUT	TION	NONE		
B. WATER POL		NONE		
C. OCCUPATION	DNAL SAFETY AND HEALTH	NONE		

1. COMPONENT

ARNG

## FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE

Jun 01

3. INSTALLATION AND LOCATION

HENDERSON, TENNESSEE

4. PROJECT TITLE

ORGANIZATIONAL MAINTENANCE SHOP

5. PROGRAM ELEMENT 0505896A

6. CATEGORY CODE 21407

470165

8. PROJECT COST (\$000)

2,012

9. COST ESTIMATES

7. PROJECT

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY OMS BUILDING	SM	9,001 <b>795.1</b>	1184.1	964
OMS BUILDING	SF	8,559	1104.1	(942)
FLAMMABLE MATS FACILITY	SM	13.3	535.3	(7)
	SF	143	50.00	()
CONTROLLED WASTE FACILITY	SM SF	27.9 300	538.2 50.00	(15)
UNHEATED METAL STORAGE BLD	SM	0.0	0.0	(0)
	SF	0	0.00	
FORCE PROTECTION	LS	-	21	(21)
SUPPORTING FACILITIES				744
SITE PREPARATION	LS	-	100	(100)
FINE GRADING & SEEDING	LS	-	25	(25)
PLANTING	LS	-	21	(21)
RIGID PAVING	SM	4,488.2	41.9	(188)
ELEVIDLE DAVING	SY	5,368	35	(4)
FLEXIBLE PAVING	SM SY	241.6 289	17.8 15	(4)
FENCING	M M	297.5	46.1	(14)
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	LF	976	14	(/
SIDEWALKS	SM	167.2	43.1	(7)
	SF	1,800	4	()
WASH PLATFORM	LS	0	0	(65)
FUEL STORAGE & DISPENSING SYSTEM EXTERIOR LIGHTING	LS LS	0	0	(80)
LUBE AND INSPECTION RAMP	LS	0 0	0 0	(75) (30)
LOAD RAMP	LS	0		(30)
DETACHED FACILITY SIGN	LS	0		(50)
EXTERIOR FIRE PROTECTION	LS	Ö	ا ة	(30)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	0	0	(70)
SUBTOTAL				1,879
CONTINGENCY (5%)				94
TOTAL PROJECT COST				1,973
SUPERVISION, INSPECTION & OVERHEAD (2%)			1	40
TOTAL REQUEST				2,012
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)				(25)

<sup>10.</sup> DESCRIPTION OF PROPOSED CONSTRUCTION

Consists of a maintenance facility with four (4) maintenance workbays, plus administrative, personnel, and work areas. Constructed of masonry block with brick veneer, concrete floors, masonry block partitions with a built-up or single membrane roofing system. Supporting facilities include military and customer vehicle parking, fencing, wash platform, fuel storage and dispensing system, lube & inspection rack, load ramp, control waste handling facility, sidewalks, outside lighting, and access roads. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

AIR CONDITIONING-

3 TONS

			T
1. COMPONENT	FY2002 GUARD AND RE	SERVE	2. DATE
ARNG	MILITARY CONSTRUCT	ΓΙΟΝ	Jun 01
	D. COLTON		
3. INSTALLATION AN	HENDERSON, TENNESSEE		
	TIENDENGON, TENNEGOLE		
4. PROJECT TITLE		4. PRO	JECT NUMBER
	ORGANIZATIONAL MAINTENANCE SHOP		470165
11. REQUIREMENT:	836 SM 9,001 SF ADEQUATE: NA SM	SF SUBSTANDARD:	NA SM SF
		-	
	new maintenance facility to provide adequate organ		
	supported by this maintenance shop. Site of project IT: A facility requirement for 836 SM (9,001 SF) is		
	organizational level to be performed on vehicles aut		
by this mainter	•		
	<u>UATION</u> : The individuals that will be working in this t	•	
	aintenance shop. The existing shop, located in Hending facility was constructed, the missions have chan		
	equirements, causing a severe lack of functional spa		
	ical due to its condition. In addition, the existing facil	_	
	would be more costly since all of the offices, the latr	ine, and the workba	ys (20x40) are too small
and deterioration	ng. <u>·T_PROVIDED</u> :  The present facility's deficiencies will	continue to negative	alv impact troop marala
	pper and adequate maintenance, training, storage an		
· ·	of the units' required mobilization readiness levels.		,
	This project has been coordinated with the state		
	been performed in accordance with DA Pam 190-		•
•	ombating terrorism measures other than the min Defense AT/FP Construction Standards" and thos		•
•	d design guides for protecting Federal property are		
scope and des	ign criteria of National Guard Pamphlet (Draft) 415-12	2 dated 01 Jan 2000	and Design Guide 415-
	2000. The most similar DoD standards for logistics		
	incorporated in the Army National Guard Organizat Id accurate cost estimates. Therefore, state historical		, ,
,	p baseline unit cost and were adjusted for size, fiscal		
	ared and utilized in evaluating this project. Alternative	•	
•	during project development. This project is the only f	•	-
	ERTIFICATION: The Deputy Assistant Secretary of the		
	t has been considered for joint use potential. Missic e incompatible with use by other components.	on requirements, op	erational considerations,
and location at	e moompatible with use by other components.		

AT/FP POC: Hollister, Joseph B./(615) 313-0752

CFMO: Phelps, Gregory W. COL/(615) 313-2610

1.	COMPO			002 GUARD AND			2. DATE  Jun 01		
	ARN	IG	MIL	MILITARY CONSTRUCTION					
3.	INSTAL		ND LOCATION NDERSON, TENNESSI	EE					
4. PROJECT TITLE ORGANIZATIONAL MAINTENANCE SHOP 5. PROJECT NUMBER 470165									
12	. SUPPL	.EMENTAL	_ DATA:						
a.	ESTI	MATE	D DESIGN DATA:						
	(1)	(b) P (c) D (d) D (e) P (f) A	JS: DATE DESIGN STARTE DERCENT COMPLETE DATE DESIGN EXPECT DATE DESIGN COMPLICARAMETRIC COSTS IN ENERGY STUDY AN	AS OF 1 JANUARY 20 FED TO BE 35% COM ETE USED TO DEVELOP ( ND LIFE CYCLE COST	PLETE COSTS FANALYSIS		Oct-99 100% May-00 Oct-00 NO		
	(2)	` '	s: TANDARD OR DEFINI VHERE DESIGN WAS			NO_	X NA		
	(3)	(a) P (b) Al (c) T (d) C	L COST (c) = (d) + (b): RODUCTION OF PLAI LL OTHER DESIGN CO OTAL ONTRACT N-HOUSE	OSTS	ONS 9%		(\$000) (56.4) (112.7) 169.1 (169.1) (0.0)		
	(4)	CONS	STRUCTION START				Jan-02		
	(5)	CONS	STRUCTION COMPLE	TION		_	Oct-02 onth and year)		
b.			IT ASSOCIATED WITH	THIS PROJECT WH	CH WLL BE PROV	IDED F	ROM		
	NOME TELI	UIPMENT NCLATUR ECOM NITUR	<u>RE</u>	PROCURING <u>APPROPRIATION</u> OMNG  OMNG	FISCAL YEAR APPROPRIATION OR REQUESTED FY 03 FY 03	Total	COST (\$000) 15 10 25		

						D.175	
1. COMPONENT	FY200	2 GUARD ANI	DKESEK	VE	2.	DATE	
ARNG	MIL	<b>ITARY CONSTR</b>	RUCTION			Jun 01	
3. INSTALLATION AND	LOCATION COA, TENNESSEE					AREA CONSTR OST INDEX	7
5. FREQUENCY AND T NORMAL ADM THREE TIMES	MINISTRATION FIVE D	OAYS PER WEEK, W	/ITH A TWC	D-DAY TRAI	INING A	ASSEMBLY TWO	OOR
6. OTHER ACTIVE/GU	ARD/RESERVE INSTALLATION	S WITHIN 15 MILE RADIUS	3				
ARNG KN	OXVILLE 22	MILES ARMO MILES ARMO MILES ARMO	ORY 32,	346 SF 210 SF 956 SF	1978 1981 1989		
7. PROJECTS REQUE	STED IN THIS PROGRAM						
CATEGORY  CODE  17180	PROJECT TITLE READINESS CENTER	SCOPE 6,217 SM 66,777 SF		COST (\$000) 8,203	<u>START</u> Oct-00	DESIGN STATUS - -	COMPLETE Oct-01
FACILITIES IDE	ORCES BOARD RECOMMENDA NTIFIED IN ITEM #6 F CES FACILITIES BOA ECOMMENDATIONS A	HAVE BEEN EXAM RD FOR POSSIBL	E JOINT US	SE/EXPANS	SION.	21 JA Dat	
9. LAND ACQUISITION	N REQUIRED						
NONE						0	
						(Number of	acres)
10. PROJECTS PLANI	NED IN NEXT FOUR YEARS						
RPM BACKLO	G (\$000): \$0	)					
	VEY HAS BEEN COMP ROJECT AT THE ESTI			ABLE FOR	CONST	RUCTING THE	

DD FORM 1390s1

1. COMPONENT		FY 2002	GUARD A	AND RE	SERVE	<b>=</b>		2. DATE	
ARNG		MILIT	ARY CON	STRUC	ΓΙΟΝ			Jun 01	
3. INSTALLATION AND I	OCATION								
ALCOA, TE	NNESSEE								
11. PERSONNEL STRE	NGTH AS	27-Aug-00	<u> </u>						
			RMANENT				ARD/RESE		
ALITHODIZED	<u>TOTAL</u>	OFFICER	ENLISTED				OFFICER		
AUTHORIZED	13	2	11	0		281	63	218	
ACTUAL	8	2	6 I	0 PERCENT	AGE:	229 74.8%	50	179	
12. RESERVE UNIT								CTDENOTU	
UI	NIT DESIGN	ATION					AUTHORIZE	STRENGTH D	<u>ACTUAL</u>
		<del></del>						_	
Det 1, HHT 4/278TH	ACR TPSN:	04040	MTOE.	20500HNH	04		6	0 *	55
UIC: WP3CTO	TPSN:	21843	MIOE:	20500HNH	01				
Det 1, TRP N, 4/278T		04040	MTOF	00500111111	0.4		2	2 *	22
UIC: WP3CAO	TPSN:	21843	MTOE:	20500HNH	01				
TRP O, 4/278TH ACR							3	0 *	25
UIC: WP3CBO	'TSPN:	21843	MTOE:	20500HNH	01				
TRP P, 4/278TH ACR							3	1 *	26
UIC: WP3CCO	TPSN:	21843	MTOE:	20500HNH	01				
			SUB-TOTAL				14	3	128
* UNITS THAT	MUST TR	RAIN ON SAN	NE WEEKEN	<mark>ND</mark>					
			(CONTINU	ED)					
13. MAJOR EQUIPMEN	Γ AND AIRCR	AFT		,					
TYPE					AUTHOR	<u>IZED</u>	ASSIGN		*
WHEELED TRAILERS					27 18		2 <sup>-</sup> 18		
TRACKED					0			0	
EQUIPMENT >	30-ET				0			0	
FUEL & M977 H					11		1		
HEMTT PLS/HE					7			7	
112101111120/112	- 1				,			•	
* ALL MILITARY	VEHICLE	S TO BE LO	CATED AT	MARYVII	I F SITI	=			
14. OUTSTANDING POL				WALL VIL	0,11				
2 2 2 3 3 3 3 7 6 7		2	(+300)		(\$000)				
A. AIR POLLU	ΓΙΟΝ				NONE				
B. WATER POI					NONE				
C. OCCUPATION	ONAL SAF	ETY AND H	EALTH		NONE				

1. ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AN	D LOCATION ENNESSEE	
11. PERSONNEL ST AUTHORIZED ACTUAL	RENGTH 27-Aug-00  PERMANENT GUARD/RESE  TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER	
12. RESERVE	JNIT DESIGNATION AUTHORIZE	STRENGTH  D ACTUAL
TRP Q, 4/278TH AC UIC: WP3CSO	2 TPSN: 21806 MTOE: 20500HNH01	9 * 22
TRP T (-), 4/278TH / UIC: WP22AA	10 TSPN: 21843 MTOE: 65443LNG11	9 * 79
* IINIIT PTIINII *	MUST TRAIN ON SAME WEEKEND SUB-TOTAL 13	8 101
UNITS THAT	(CONTINUED)	
13. MAJOR EQUIPM TYPE	,	)
14. OUTSTANDING I	POLLUTION AND SAFETY DEFICIENCIES: (\$000)	

1. COMPONENT ARNG

# FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION

2. DATE Jun 01

3. INSTALLATION AND LOCATION ALCOA, TENNESSEE

4. PROJECT TITLE

READINESS CENTER

5. PROGRAM ELEMENT 0505896A

6. CATEGORY CODE 17180

7. PROJECT NUMBER 470004

8. PROJECT COST 8,203

9. COST ESTIMATES

9. 0031 E31IWATE3				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				6,425
READINESS CENTER	SM	5,975	1,023	(6110)
NEADINEOU OEITTEIN	SF	64,317	95	(0110)
FLAMMABLE MATS STORAGE	SM	14	0	(5)
PLAIVIIVIADLE IVIA 13 3 TORAGE			_	(5)
	SF	150	30	-
UNHEATED METAL STOR BLDG	SM	215	538	(116)
	SF	2,310	50	
FORCE PROTECTION	LS	-	58	(58)
ENERGY MANAGEMENT CONTROL SYSTEM	LS	-	115	(115)
WALL LOCKERS	EA	(281)	75	(21)
SUPPORTING FACILITIES				1,161
SITE PREPARATION	LS	-	-	(100)
FINE GRADING & SEEDING	LS	-	-	(6)
PLANTING	LS	_	-	(115)
RIGID PAVING	SM	5,259	o	(315)
14015 1744140	SY	6,290	50	(0.0)
FLEXIBLE PAVING	SM	7,707	48	(369)
I LEXIBLE I AVIIVO		1		(303)
FENCING	SY M	9,218 <b>316</b>	40 0	(4.5)
FENCING			·	(15)
OIDEMALIZO	LF	1,036	14	-
SIDEWALKS	SM	56	161 5	(9)
FLAGPOLE	LS	1,800	်	(F)
	LS	_	-	(5)
EXTERIOR FIRE PROTECTION		-	-	(25)
DETACHED FACILITY SIGN	LS	-	-	(3)
OUTSIDE LIGHTING	LS	-	-	(67)
FUEL STORE & DISPENSING SYS	LS	-	-	(0)
WASH PLATFORM	LS	-	-	(8)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	(80)
FORCE PROTECTION	LS	-	-	(46)
SUBTOTAL	1			7,585
CONTINGENCY (5%)	1			(379)
TOTAL CONTRACT COST	1			7,964
SUPERVISION, INSPECTION & OVERHEAD (3%)				(239)
TOTAL FEDERAL REQUEST	1			8,203
STATE SHARE (NON-ADD)	1			(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)	1			500
Egon Thornes Thom official Partition (NOTADD)			l .	300

### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A two-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside security lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.

Air Conditioning -

68 TONS

1. COMPONENT  ARNG		2 DATF	Jun 01	
3. INSTALLATION AND A	LCOA, TENNESSEE			
4. PROJECT TITLE	5. PROJI	ECT NUMBEF 470004	3	
PROJECT: This missions of the a units readiness p Armored Cavalry REQUIREMENT: ACR, TRP O, 4/2 have a required s areas required to CURRENT SITU. SF (1,161 SM) of units and negative the lack of space Cavalry Regimen storage spaces p necessitating a RIMPACT IF NOT continue to be addinistrative are ADDITIONAL: Table 12 dated 01 readiness center Readiness Center Composition of the protection o	project is to provide a readiness center, of permanent type constructions signed unit. The space will permit all personnel to perform the necessorure. The site of the project is on federal land. These Units provide and the Tennessee and Federal Emergency Agency.  This facility is required to house all elements of the Det 1, HHT 4/278 178th ACR, TRP P, 4/278th ACR, TRP Q, 4/278th ACR and TRP T (-), strength of 281 personnel. The armory will provide the necessary admit achieve proficiency in required training tasks. A 12 acre federal-owne ATION: The current units are housed in undersized Federally leased for covered space. All spaces are undersized, not configured to support the ley impact their respective mobilization readiness and extend minimum to perform basic unit training. These units are either organic to or attact one of 15 "Enhanced Brigades". The severity of congestion, the lack of revent the "power projection" desired of modern day community based eadiness Center to meet minimum space requirements of these assign PROVIDED: The units' ability to meet its readiness, recruiting and retoversely affected if the personnel are not provided with the adequate farce the continued use of an inadequate and unsound facility and the prively impact troop readiness and morale. The lack of proper and adequates will continue to impair the attainment of required mobilization readiness awill continue to impair the attainment of required mobilization readiness project currently complies with the scope and design criteria of Nationary 2000 and Design Guide 415-1 dated 1 June 1997. The most construction do not address all of the current criteria incorporated in the design and thus do not yield accurate cost estimates. Therefore, state used to develop baseline unit cost and were adjusted for size, fiscally as has been prepared and utilized in evaluating this project. Alternative the been explored during project development. This project is the only fearmetric estimates have not been used to develop project costs.  M. FORCE PR	th ACR, 4/278th inistrative de site is facilities the operation mobilizated to the facilities. It resent facilities. It resent facilities are dimensional Guate training a method asible operation of the facilities of the Army the historial year are method asible operations and operations and	NA  We the peak st that will a support for Det 1, TRI ACR. The e, training a available f that contain ations of the ation timel the 278th A ate training belays in the cility's defining, stora rels. ard Pamp DoD standa National G acal costs for all costs	improve the or the 278th  P N, 4/278th se units will and storage or this project. In only 12,500 ese go-to-war ines due to Armored g spaces and thereby  I objectives will be funding of ciencies will ge and the construction. An ing this et the curity officer is and design ordance with the certifies that

AT/FP POC: Hollister, Joseph B./(615) 313-0752 CFMO Phelps, Gregory W. COL/(615) 313-2610

1. COMPONE	NT	EV 2002CI	JARD AND RESERVE	2. DATE	
ARNG		MILITARY	CONSTRUCTION	Jun 01	
3. INSTALLAT	TON AND LOCATION	Į			
	ALCOA, TE	ENNESSEE			
4. PROJECT	TITLE			5. PROJECT NUMBER	
	READINES	SS CENTER		470004	
40 CURRIENI	ENTAL DATA:			I	_
12. SUPPLEMI	ENTAL DATA:				
- FOTINA	ATED DECICAL	LDATA.			
a. ESTIMA	ATED DESIGN	I DATA:			
` '	TATUS:				
				Oct-00	
(b)	PERCENT C	COMPLETE AS OF JAN	IUARY 2001	10%	
(c)	DATE DESIG	IN EXPECTED TO BE	35% COMPLETE	May-01	
(d)	DATE DESIG	GN COMPLETE		Oct-01	
` '			DEVELOP COSTS	NO	
\ ,		STUDY AND LIFE CY			
( )		MENTED DURING FINA			
VVII	LL DL DOCON	ILINIED DOINING I INA	AL DESIGN.		
(a) D	A C.I.C.				
` '	ASIS:	OD DEELNITIVE DEOL	011 1/50 110		
` ,		OR DEFINITIVE DESIGNATION			
(b)	WHERE DE	SIGN WAS MOST REC	ENTLY USED NA		
(3) T	OTAL DESIGN	N COST (c)=(a)+(b) or (	d)+(e)	618.93	
(a)	PRODUCTION	ON OF PLANS AND SP	PECIFICATIONS	455.30	
(b)	ALL OTHER	DESIGN COSTS		227.55	
` ,					
` '			<mark>9.0%</mark>		
(a) (e)				0	
(0)	114 T 1000E		······	<u> </u>	
(4)	CALCEDIACTI	ON CTART		0/4/04	
(4)	CONSTRUCTION	JNSTART	_	2/1/01	
<b>/-</b> \		011 0011D1 ETION DAT		40/00	
(5) C	CONSTRUCTION	ON COMPLETION DAT	E _	12/03	
			'	MONTH AND YEAR)	
b. EQUIP	MENT ASSOC	CIATED WITH THIS PR	OJECT WHICH WILL BE PR	OVIDED FROM	
OTHE	R APPROPRI	ATIONS			
			FISCAL YEAR		
	IPMENT	PROCURING	APPROPRIATION	COST	
NOMEN	<u>CLATURE</u>	<u>APPROPRIATION</u>	OR REQUESTED	<u>(\$000)</u>	
KITCHE	N EQUIPMENT	OMNG	FY 03	90	
FURNIT	URE	OMNG	FY 03	100	
TELECO	OMMUNICATIONS	S OMNG	FY 03	250	
	Γ LIFT EQUIP	OMNG	FY 03	50	
J-SIIDS		OPA	FY 03	1 <u>0</u>	
0 01100		OI /\	TOTAL	500	
			IOIAL	300	

1.COMPONENT  ARNG			JARD AND RES			2. Jun 01	DATE
3. INSTALLATION	AND LOCATION				,		REA CONSTR
							ST INDEX
•	ISTIN BERGSTRO		ATIONAL AIRPO	ORT) TEXAS		0.	.82
	ND TYPE OF UTILIZATION						
	OPERATIONS AI G ASSEMBLY TW				WEEK, W	/ITH A T	WO-DAY
6. OTHER ACTIVE	E/GUARD/RESERVE INST	TALLATIONS WITH	HIN 15 MILE RADIUS				
	AMP MABRY (AUS	,	12 MILES	ARMORY	23,05		1994
	E CAVES (AUST	•	20 MILES	ARMORY		2 SF	1960
ARNG 51	ST STREET (AUS	SIIN)	15 MILES	ARMORY	68,68	9 SF	1988
7. PROJECTS RE	QUESTED IN THIS PROC	GRAM					
CATEGORY CODE	PROJECT TI	ITLE_	SCOPE	COST (\$000)	<u>START</u>	DESIGN ST.	ATUS COMPLETE
21110	ARMY AVIA <sup>-</sup> SUPPORT FA ( INCLUDING FIX	CILITY	<b>15,493 SM</b> 166,775 SF	25,659	FEB 01		JUN 02
3. STATE RESER\	/E FORCES FACILITIES E	BOARD RECOMM	ENDATION				
FACILITIES	DENTIFIED IN IT	EM #6 HAVE	BEEN EXAMIN				
FACILITIES COMPONEN		EM #6 HAVE OARD FOR	BEEN EXAMIN	NT USE/EXP			
FACILITIES COMPONEN	DENTIFIED IN IT	EM #6 HAVE OARD FOR	BEEN EXAMIN	NT USE/EXP	ANSION 12 Au	THE BO	
FACILITIES COMPONEN	DENTIFIED IN IT	EM #6 HAVE OARD FOR	BEEN EXAMIN	NT USE/EXP	ANSION.	THE BO	
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI	DENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U	EM #6 HAVE OARD FOR	BEEN EXAMIN	NT USE/EXP	ANSION 12 Au	THE BO	ARD —
FACILITIES COMPONEN RECOMMEN	DENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U	EM #6 HAVE OARD FOR	BEEN EXAMIN	NT USE/EXP	ANSION 12 Au	THE BO ug 99 ite	ARD
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE	DENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U	EM #6 HAVE OARD FOR NILATERAL	BEEN EXAMIN	NT USE/EXP	ANSION 12 Au	THE BO ug 99 ite	ARD —
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U	EM #6 HAVE OARD FOR NILATERAL	BEEN EXAMIN POSSIBLE JOIN CONSTRUCTIO	NT USE/EXP DN. _	ANSION 12 Au	THE BO  ug 99  ite  (Nun	ARD  0  nber of acres)
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE  10. PROJECTS PL  FY LC 04 AL	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U ON REQUIRED  ANNED IN NEXT FOUR Y OCATION JSTIN	EM #6 HAVE OARD FOR NILATERAL  YEARS  PROJECT READINES	BEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER	NT USE/EXP DN. _	ANSION. 12 AL Da	THE BO  ug 99  ite  (Nun	ARD  0  nber of acres)
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE  10. PROJECTS PL  FY LC 04 AL	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U ON REQUIRED ANNED IN NEXT FOUR Y	EM #6 HAVE OARD FOR NILATERAL  YEARS  PROJECT READINES ORGANIZ	BEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER	NT USE/EXP DN. _	ANSION. 12 Au Da	THE BO  ug 99  ite  (Nun	ARD  0  nber of acres)
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE  10. PROJECTS PL  FY LC 04 AL	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U ON REQUIRED  ANNED IN NEXT FOUR Y OCATION JSTIN	EM #6 HAVE OARD FOR NILATERAL  YEARS  PROJECT READINES ORGANIZ	EBEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER ATIONAL	NT USE/EXP DN. _	ANSION. 12 AL Da	THE BO  ug 99  ite  (Nun	Onber of acres)
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE  10. PROJECTS PL FY 04 AL	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U ON REQUIRED  ANNED IN NEXT FOUR Y OCATION JSTIN JSTIN	EM #6 HAVE OARD FOR NILATERAL  YEARS  PROJECT READINES ORGANIZ	EBEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER ATIONAL	NT USE/EXP DN. _	ANSION. 12 AL Da	THE BO  ug 99  ite  (Nun	ARD  0  nber of acres)
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE  10. PROJECTS PL  FY  LC 04 AL 04 AL	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U ON REQUIRED  ANNED IN NEXT FOUR Y OCATION JSTIN JSTIN	EM #6 HAVE OARD FOR NILATERAL  YEARS  PROJECT READINES ORGANIZ	EBEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER ATIONAL	NT USE/EXP DN. _	ANSION. 12 AL Da	THE BO  ug 99  ite  (Nun	ARD  0  nber of acres)
FACILITIES COMPONEN RECOMMEN  9. LAND AQUISITI NONE  10. PROJECTS PLE  10. PROJECTS PLE  10. AL  10. AL  10. PROJECTS PLE  10. AL  10. PROJECTS PLE  10. PRO	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U ON REQUIRED  ANNED IN NEXT FOUR Y OCATION JSTIN JSTIN	EM #6 HAVE OARD FOR NILATERAL  YEARS PROJECT READINES ORGANIZ MAINTEN.	E BEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER ATIONAL ANCE SHOP	IS SUITABLI	ANSION.  12 Au Da  ESTIMATE  28,516  2,396	THE BO  ug 99  ite  (Nun	Onber of acres)
FACILITIES COMPONEN RECOMMEN  3. LAND AQUISITI NONE  10. PROJECTS PL  EY LC  D4 AL  D4 AL  RPOM BACK	IDENTIFIED IN IT ITS FACILITIES B IDATIONS ARE U  ON REQUIRED  ANNED IN NEXT FOUR Y  OCATION JSTIN JSTIN JSTIN LOG (\$000) \$0	EM #6 HAVE OARD FOR NILATERAL  YEARS PROJECT READINES ORGANIZ MAINTEN.	E BEEN EXAMIN POSSIBLE JOIN CONSTRUCTION TITLE SS CENTER ATIONAL ANCE SHOP	IS SUITABLI	ANSION.  12 Au Da  ESTIMATE  28,516  2,396	THE BO  ug 99  ite  (Nun	ARD  0 nber of acres)

	<u> </u>					1	
1.COMPONENT		FY 2002 GI	UARD A	ND RESERVE		2. DAT	E
ARNG		MILITAR	Y CONS	STRUCTION		Jun 01	
3. INSTALLATION AND LO	OCATION						
AUSTIN, (AUSTIN	I BERGSTROM I	NTERNATION	NAL AIR	PORT) TEXAS			
11. PERSONNEL STREN	IGTH AS OF: 7	March 2000					
	<u>PER</u>	<u>MANENT</u>			<u>C</u>	SUARD/RESER\	<u>/E</u>
		R ENLISTED		<u> </u>	TOTAL	OFFICER	ENLISTED
	78 17	_	0		480	160	320
ACTUAL	22 2	20	0	Danasatana	431	144	287
				Percentage=	90%		
12. RESERVE UNIT DAT	Ā				STRE	NGTH	
	UNIT DESIGNA	ATION .			AUTHORIZED		
LIEADOLLABETES	LIE A B C :	DO 001151:	.,		40	40	
HEADQUARTERS AVIATION BRIGAL		RS COMPAN	Υ,		40	40	
	)2LNG01	CCNIIIM: N	IC0104				
	AA TPSN: 0		100194				
OIC. WV7X	AA 11 5N. 0	2043					
*HEADQUARTERS	S SERVICE COM	IPANY			72	72	
449TH DIVISION A	AVIATION SUPP	ORT BATTAL	ION				
MTOE 6388	5ANG01	CCNUM: N	IG0198				
UIC: WPF2	TO TPSN: 0	2049					
*COMPANY A (-),4	49TH DIVISION	AVIATION SI	IPPORT	BATTALION	143	143	
MTOE 6388		CCNUM: N					
	A1 TPSN: 0						
SUBTOTAL					255	255	
*Unit in a Carrier \$	Status E Data: (	11 Sant 2000					
13. MAJOR EQUIPMENT	·	71 3ept 2000					
TY				AUTHORIZED	)	ASSIGNED	
OH				6	_	6	
UH				12		12	
RAI	H-66			12		12	
C-1	2			1		1	
C-2	23			2		2	
	<u>EL TRUCK</u>			3		3	
TO	TAL (ALL PERMAN	ENTLY STATION	NED)	36		36	
14. OUTSTANDING POLL	LUTION AND SAFETY D	EFICIENCIES:			(\$000)		
A. AIR POLLU	ITION				NONE		
B. WATER PO					NONE		
	CLUTION ONAL SAFETY A	ND HEAT TH			NONE		
C. Geedian	OTHE DIMETTE				110111		

1.COMPONENT	FY 2002 GUARD AND RESERV	E	2. DATE					
ARNG	MILITARY CONSTRUCTION		Jun 01					
	3. INSTALLATION AND LOCATION							
ALIOTINI (ALIO	OTIN DED COTDOM INTERNATIONAL AIRPORT	TE\/40						
12. SUPPLEMENTAL	STIN BERGSTROM INTERNATIONAL AIRPORT)	IEXAS						
12. SUPPLEMENTAL	LDATA.	STRENGTH						
	UNIT DESIGNATION	AUTHORIZED	ACTUAL					
TROOP D. 1S	Γ SQUADRON, 124TH CAVALRY	27	23					
	7-285LNG01 CCNUM: NG0195							
	PMXD0TPSN: 02049							
TD00D F 40	COLLADDON AGATH GAVALDY	07	00					
	「SQUADRON, 124TH CAVALRY 7-285LNG01 CCNUM: NG0195	27	20					
	7-265LNG01 CCN0M. NG0195 PMXE0TPSN: 02049							
OIC. WI	-MAEO IFSN. 02049							
TROOP F, 1S1	SQUADRON, 124TH CAVALRY	96	54					
	7-285LNG01 CCNUM: NG0195							
UIC: WI	PMXF0 TPSN: 02049							
	T 2, COMPANY H, 171ST AVIATION (C-23)	10	9					
	1-608ANG01 CCNUM: NG0197 QRHA2TPSN: 02049							
UIC: W	QRHAZ IPSN: U2U49							
TXARNG REC	ON AIR INTRADICTION DETATCHMENT (RAID)	22	21					
	W7X4AA CCNUM: NG0191							
UIC: W	7XAAA TPSN: 46769							
		_	_					
	Γ 49, OPERATIONAL SUPPORT	8	7					
AIRLIFT COM	` '							
	W7Y4AA							
OIC. W	71449 1F3N. 40702							
COMPANY A,	2ND BATTALION, 149TH AVIATION	35	42					
	1-305ANG02 CCNUM: NG0196							
UIC: W	QRYA0 TPSN: 02049							
SUBTOTAL		225	176					
SUBTOTAL		255	255					
TOTAL		480	431					

	1.COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE Jun 01
					4. PROJEC	T TITLE
						=
	AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXA\$ Army Aviation Support Facility					
	5. PROGRAM ELEM	IENT	6. CATEGORY CODE	7. PROJECT NUMBER	8	PROJECT COST (\$000)

0505896A 21110 480177 25,659 9. COST ESTIMATES ITEM U/M UNIT COST COST (\$000) QUANTITY PRIMARY FACILITY SM 15,493 17,158 SF 166,775 ROTARY WING SUPPORT FACILITY 8,923 1,184 SM (10.566)SF 96,051 110 ROTARY WING UNHEATED STORAGE SM 3,979 807 (3,212)SF 42,827 75 FIXED WING FACILITY SM 1,746 1,184 (2,067)18,789 SF 110 FIXED WING UNHEATED STORAGE SM 530 807 (428)SF 5,703 75 GROUND SUPPORT EQUIP STORAGE SM 147 538 (79)SF 1,580 50 FIRE FIGHTING FACILITY SM 169 807 (137)SF 1,824 75 ENERGY MANAGEMENT SYSTEM (\$2.00/SF) SM 21.52 15,493 (334)166,775 2 FORCE PROTECTION LS (336)SUPPORTING FACILITIES 6,567 SITE PREPARATION LS (500)FINE GRADING & SEEDING LS (60) LS **PLANTING** (300)**RIGID PAVING** SM 79,089 44 (3500)SY 94,593 37 FLEXIBLE PAVING SM 16,931 18 (304)SY 15 20,250 **FENCING** 902 48 (44)M LF 15 2,960 **SIDEWALKS** SM 167 54 (9)SF 1,800 5 **CURBING** LM 1,500 (10)LF 5,000 FUEL STOR. & DISP. SYSTEM LS (600)LS AIRCRAFT WASH FACILITY (200)AIRFIELD LIGHTING LS (360)LS EXTERIOR FIRE PREVENTION (100)**EXTERIOR SECURITY LIGHTING** LS (80) LS WATER/SEWER/GAS/ELECTRIC (500)SUBTOTAL 23,725 <u>1,186</u> **CONTINGENCY (5%)** SUBTOTAL 24,911 **SUPERVISION, INSPECTION & OVERHEAD (3%)** 747 TOTAL PROJECT 25,659 EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD) 860 0

### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed aviation facility of permanent masonry and steel construction with built-up roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, ground support equipment, taxi lanes, fuel storage/dispensing system, aircraft wash facility, exterior lighting, fire protection, and fencing. *Air conditioning* - 60 tons.

1.COMPONENT	FY 2002 GUARD AND RESERVE	2. DATE					
ARNG	MILITARY CONSTRUCTION	Jun 01					
3. INSTALLATION A	3. INSTALLATION AND LOCATION						
AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS							
4. PROJECT TITLE 4. PROJECT NUMBE							
Arm	480177						

11. REQUIREMENT: 13,117 SM 141,193 SF ADEQUATE: N/A SUBSTANDARD: N/A

<u>PROJECT</u>: this project is to build a 30 Aircraft AASF of permanent type construction to serve the peace time missions of the supported units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (Future and Current Mission).

<u>REQUIREMENT:</u> An AASF and supporting facilities to adequately provide the units housed in this facility with hangar, administrative, supply, and maintenance shop space

<u>CURRENT SITUATION:</u> The Bergstrom AFB was closed due to BRAC action. The property was reverted to the City of Austin who has relocated the Airport originally located at 51st Street, to the Bergstrom site. All flight operations have ceased at the 51st street location. The National Guard aviation facility and its supporting facilities have also relocated from 51st street site to temporary facilities at the Bergstrom site in order to continue its flight operation mission. The temporary facilities are inadequate to provide the necessary space and equipment needed to perform organizational and intermediate aircraft maintenance. The Aviation Support Facility is operating out seven seperate facilities on a five acre lot.

<u>IMPACT IF NOT PROVIDED</u>: Without this project the aviation units' readiness will be adversly affected due to having no capability of maintenance support. The overall readiness of the National Guard could also be adversly affected as the units would become a non-mobilization asset if this project is not provided.

ADDITIONAL: This project has been coordinated with the the State Physical Security Officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (draft) 415-12, dated 01 JAN 00 and Design Guide 415-1, date 1 June 1997. The most similar DoD standards for Aviation Support Facility construction do not address all of the current criteria incorporated in the Army National Guard Army Aviation Support Facility design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop base line unit cost and were adjusted for size, fiscal year, and location. An economical analysis has been prepared.

<u>ANTI-TERRORISM /FORCE PROTECTION:</u> This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA PAM 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and only the minimum standards required by the "Interim Dept of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate.

ANTI-TERRORISM /FORCE PROTECTION: SUMMARY OF RISK ANALYSIS, Risk analysis shows a low level of threat to this area and facilities. Minimal protection is required and will include as a minimum lamenated windows, structure reinforcment, and stand-off measures as determined by the facility design.

<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP POC: CFMO: COL John Wells 512-465-5001 512-465-5001 x5395

1.COMPONENT	FY 2002 GUARD AND RESERVE	2. DATE						
ARNG	MILITARY CONSTRUCTION	Jun 01						
	3. INSTALLATION AND LOCATION							
AUSTIN. (AUS	STIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS							
4. PROJECT TITLE	,	5. PROJECT NUMBER						
Arm	ny Aviation Support Facility	480177						
12. SUPPLEMENTAI a. ESTIMATEI	D DESIGN DATA:							
(b) I (c) [ (d) I (e) I (f) T	US:  DATE DESIGN STARTED	% -01 -02 O						
` '	S: STANDARD OR DEFINITIVE DESIGN - YES NO _ WHERE DESIGN WAS MOST RECENTLY USED <u>N/A</u>							
(a) F (b) 7 (c) 7 (d) 6 (e) F	ALL OTHER DESIGN COSTS	,495) (747) ,242) ,242) 0.0 0.0						
(5) CON	STRUCTION START O	ug-02 ct-02 un-04						
	NT ASSOCIATED WITH THIS PROJECT WHICH WLL BE	PROVIDED FROM						
EQUIPMENT NOMENCLATU	ALLICOLATION	COST (\$000)						
TELCOM J-SIIDS FURNITURE CCTV	OMNG FY 04 OPA FY 04 OMNG FY 04 OPA FY 04	300 10 50 <u>500</u> <b>860</b>						

1. COMPONENT	OMPONENT FY 2002 GUARD AND RESERVE 2. DATE						
ARNG	MILITARY CONSTRUCTION				Jun 01		
3. INSTALLATION AN	3. INSTALLATION AND LOCATION				CONSTR		
OSHKOSH, WISCONSIN INSNO= 55C45			COST INDEX				
					1.14		
5. FREQUENCY AND	TYPE OF UTILIZATION						
NORMAL ADMINIST		VEEK, WITH A TWO-DAY TRAINING	ASSEMBLY				
		ATIONS WITHIN 15 MILES RADIUS					
ARNG OSHKOSI			18,885 SF	1962			
ARNG WISCONS	SIN RAPIDS 50 MILES	OMS #14	10,064 SF	1961			
7. PROJECTS REQUE	ESTED IN THIS PROGRAM:						
CATEGORY			COST	DESIGN S	STATUS		
<u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	<u>(\$000)</u>	START	<u>CMPL</u>		
21407	Organizational	2,078 SM	5,274	02/99	06/02		
	Maintenance Shop	22,363 SF					
· ·							
		ES BOARD RECOMMENDATION					
		EXAMINED BY THE STATE RESER					
	LE JOINT USE/EXPANSION	. THE BOARD RECOMMENDATION	IS ARE UNILATE	=RAL			
CONSTRUCTION.							
					26 OCT 00		
					(Date)		
9. LAND ACQUISITIO	N REQUIRED						
NONE					0		
					(Number of acres)		
	NED IN NEXT FOUR YEAR	S					
CATEGORY					COST		
CODE	PROJECT TITLE		<u>SCOPE</u>		<u>\$(000)</u>		
NONE							
DDM DAOKLOO (#200).							
IKPIVI BACKLOG (\$)	RPM BACKLOG (\$000): \$7.6						
A CITE OLIDVEY LIAG DEEN COMDITTED AND THE CITE IS CHITADLE FOR CONSTRUCTION OF THE PROPERTY							
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."							
TROSLOT AT THE E	OTHINITED COST INDICAT	LD.					

1. COMPONENT		FY 200	2 GUARD A	AND RESERVE	7	2. DATE
11 00.11 01.12.11						
ARNG MILITARY CONSTRUCTION  3. INSTALLATION AND LOCATION						Jun 01
OSHKOSH, WISCONS		INSNO=	55C45			
AA DEDGONNEL CERTE	ICENT AC OF		04 DEO 00			
11. PERSONNEL STREN		IANENT	31 DEC 00		CI	JARD/RESERVE
			CIVILIAN	-		
TOTA		ENLISTED	CIVILIAN		TOTAL	OFFICER ENLISTED
AUTHORIZED 43	_	40	0		813	53 760
ACTUAL 19	3	16	0	Percentage =	713 87 7%	43 670
12. RESERVE UNIT DA	TE			. c.cc.mage	07.770	
					STREN	IGTH
<u>UNIT DE</u>	SIGNATION				AUTHORIZED	<u>ACTUAL</u>
COMPANY B, 2-127TH IN	<b>VF</b>			Non-collocated	117	104
UIC: WPLCBC		14032	MTOE/TDA:	07245LNG23	117	101
COMPANY C, 2-127TH IN	JF			Non-collocated	130	109
UIC: WPLCCC		14032	MTOF/TDA:	07245LNG23	130	109
0.0. 111 2000	10.11.	11002		0.2.02.020		
COMPANY D(-), 2-127TH	INF			Non-collocated	69	44
UIC: WPLCDC	TSPN:	14032	MTOE/TDA:	07245LNG23		
DETACHMENT 1, COMP.	ANY D. 2-127TH IN	F		Non-collocated	48	28
UIC: WPLCD1			MTOE/TDA:	07245LNG23	40	20
4457711 70410 001404				N. II. d. I		400
1157TH TRANS COMPAN UIC: WQS2AA		25606	MTOE/TDA	Non-collocated 55719LNG14	175	198
				SUB-TOTAL	539	483
13. MAJOR EQUIPMEN	Г AND AIRCRAFT			AUTHC	DIZED	AL ITHI LODUSTED
TVDE						AUTHORIZED
<u>TYPE</u>				MAINTENANCE PERMANENT NON-COLLOCATED) PARKING		
\\/\  EE  ED				·	<u>-</u>	PARKING
WHEELED				181		0 *
TRAILERS				92		0 *
TRACKED				76		4 *
EQUIPMENT > 30 FT				0		0
FUEL & M977 HEMMT				16		0
HEMTT PLS/HET  * Remainder stationed at N	MATES OF ARMOR	adinosa Cart	or	0		0 *
14. OUTSTANDING POL						
14. OUISTANDING PUL	LUTION AND SAFE	LII DEFICIEI	NCIES:	(\$000)		
A. AIR POLLUTION				NONE		
B. WATER POLLUTION	N			NONE		
C. OCCUPATIONAL S		TH		NONE		
O. OCCUPATIONAL S	ALLI AND HEAL	111		INOINE		

1. COMPONENT	FY 2002 GUARD AND RESERVE 2. DATE				
ARNG	MILITARY CONSTRUCTION Jun 01				
3. INSTALLATION AND LOCA	ATION				
OSHKOSH, WISCONSIN	INSNO=	55C45			
11. PERSONNEL STRENGTH	AS OF	31 DEC 00			
	PERMANENT		_	GUA	ARD/RESERVE
<u>TOTAL</u>	OFFICER ENLISTED	<u>CIVILIAN</u>		<u>TOTAL</u>	OFFICER ENLISTED
AUTHORIZED					
ACTUAL					
12. RESERVE UNIT DATE					
				STRENC	
<u>UNIT DESIGN</u>	<u>ATION</u>			AUTHORIZED	<u>ACTUAL</u>
HEADQUARTERS & HEADQUA	ARTERS COMPANY 2-12	7TH INF	Non-collocated	246	192
UIC: WPLCTO			07245LNG23	240	192
HEADQUARTERS & HEADQU	ARTERS COMPANY 332 S TSPN: 30038		Non-collocated 52413LNG02	28	38
OIC. WIBSAA	13FN. 30036	WITOE/TDA.	324 I3LINO02		
			CLID TOTAL	07.4	000
13. MAJOR EQUIPMENT AND	AIDCDAET		SUB-TOTAL	274	230
13. WAJOR EQUI MENT AND	AIRCICALI		AUTHO	RIZED	AUTHORIZED
TYPE			MAINTE		PERMANENT
			NON-COLI	LOCATED)	PARKING
WHEELED					<u></u>
TRAILERS					
TRACKED					
EQUIPMENT > 30 FT					
EQUIPMENT > 30 FT HEMTT PLS/HET					
TILIWITT LO/TILI					
14. OUTSTANDING POLLUTION	ON AND SAFETY DEFICIE	ENCIES:			
A AIR ROLL : TOU			(\$000)		
A. AIR POLLUTION			NONE		
B. WATER POLLUTION C. OCCUPATIONAL SAFET	Y AND HEALTH		NONE 200		
C. GGGGI ATTONAL GALLT	I / WID LIE/NETT		200		

1. COMPONENT	FY 2002 MILITARY (	CONSTE	RUCTION	2. DATE	
ARNG		PROJECT DATA Jun 01			
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN	INSNO= 55C45	4. PROJE	CT TITLE zational Maintenance		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT COST (S	\$000)
0505896A	21407	55000	)3	5,274	
9. COST ESTIMATES					
n	TEM	U/M	QUANTITY	UNIT COST	COST (\$000)
SUPPORTING FACILITIES SITE PREPARATION FINE GRADING & SEEDING PLANTING RIGID PAVING  FLEXIBLE PAVING  FENCING  SIDEWALKS  ENCLOSED WASH PLATFOR FUEL STORAGE & DISPENS EXTERIOR LIGHTING LUBE AND INSPECTION RAN LOAD RAMP DETACHED FACILITY SIG EXTERIOR FIRE PROTECTIO UTIL'S:WATER/SEWER/GAS OIL/WATER SEPARATOR SUBTOTAL CONTINGENCY (5% X 4876.3)	ROTECTION (2%) POTROL SYSTEM (\$2.00 PER SF) RM ING SYSTEM MP/ENCLOSURE N DN /ELEC	SM SF SM SF SM SF SM SF SM SF SM SF SM SF SM SF SM SF SM SF SM LS LS LS LS LS LS LS LS LS LS LS LS LS	1,864 20,063 23 250 28 300 163 1,750 5,777 6,910 593 709 336 1,102 167 1,800	1,657.7 154.0 645.9 60.0 538.2 50.0 538.2 50.0 0 0 0 0 33.5 28.0 17.9 15.0 45.8 14.0 43.1 4.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(5.0) (150.0) (315.0) (25.0) (4876.8) (243.8) (5120.6) (153.6)
LOAD RAMP DETACHED FACILITY SIG EXTERIOR FIRE PROTECTIO UTIL'S:WATER/SEWER/GAS OIL/WATER SEPARATOR SUBTOTAL CONTINGENCY (5% X 4876.3 SUBTOTAL SUPERVISION, INSPECTION TOTAL FEDERAL REQUEST	N DN /ELEC 769992)	LS LS LS LS	   	0 0 0 0	(150.0) (5.0) (150.0) (315.0) (25.0) <b>(4876.8)</b> (243.8) <b>(5120.6)</b>

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construction of a maintenance facility with five (5) work bays, plus administrative, personnel, and work areas. Constructed of concrete block and brick veneer masonry, with concrete floors and a standing seam metal roofing system. Supporting facilities include military and customer vehicle parking, fencing, a wash platform, fuel storage & dispensing system, lube & inspection rack, loading ramp, controlled waste handling facilities, sidewalks, exterior lighting, and access roads. Force protection measures will include siting the building to maximize standoff distance from public roads and parking areas, landscape, berms, and steel pipe bollards.

Air Conditioning - 3

1. COMPONENT	FY 2002 MILITARY	2. DATE			
ARNG	PROJECT DATA	Jun 01			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
OSHKOSH, WISCONSIN	INSNO= 55C45	Organizational Maintenance Shop			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
0505896A	21407	550003	5,274		
11. REQUIREMENT: 2.078	SM 22,363 SF ADEQUATE:	NA SM SF SUBSTAI	NDARD: NA SM SF		

PROJECT: A new maintenance facility to provide adequate organizational maintenance on military vehicles and equipment supported by this maintenance shop. Site of project will be on state land contiguous with the site of an existing ARNG Readiness Center. (Current Mission)

REQUIREMENT: A facility requirement of 1546 SM (16,639 SF) is needed to provide a safe and efficient work environment in which maintenance at the organizational level can be performed on vehicles authorized to the units which will be supported by this maintenance shop.

CURRENT SITUATION: The shop is located in Oshkosh, WI and was originally built in 1956. Since the existing facility was constructed, the federal missions have changed, vehicles and equipment have increased in size, and maintenance requirements have become more complicated. These changes have caused a severe lack of functional work and storage space in the existing facility. Renovating, altering, and repairing the existing building is not economical due to the small size of the site and the level of building deterioration. The technicians that will be working in the proposed facility currently occupy an overcrowded, unsafe, and substandard maintenance shop. The 1999 Installation Status Report completed 23 Mar 99 shows all categories for this facility as being Red with an overall Quality Rating as RED. The Annual OHSA report also showed this facility as being substandard. Even though management and labor force are enforcing the safety and occupational programs to best of their abilities the facility itself is substandard. The shop consists of two buildings that are located across the street from each other.

This creates concerns because of traffic as well as potential for trips, slips and falls during inclement weather. There is inadequate workbay area with average workbay being 35' x 16'. The average vehicle size in the workbays are 8'3" x 26'6". The larger vehicles makes it difficult for means of egress as well as identifying exit aisles because of vehicles, workbenches and toolboxes. In addition vehicles must back directly into the street when exiting the bays. The vehicle exhaust system was evaluated in 1998. Exhaust volumes ranged from 364 to 505cfm which is not adequate for all vehicles when maintenance is performed. There is only one bay that has an exhaust for Armored Personnel Carriers. The administrative portion of the building was also reported as being unsafe. There is no hot water or exhaust fan. In addition there is no room for lockers. There is one small break room which is only 10' x 10'. There is no room for all the employees to take breaks, have lunch or conduct safety council meetings or training. In addition to above there are numerous NEC and NFPA code violations.

IMPACT IF NOT PROVIDED: The existing facility's deficiencies will continue to negatively impact work efficiency, and troop morale. The lack of adequately sized and equipped maintenance, training, storage, and administrative areas will continue to impair the units' ability to attain the required level of mobilization readiness. Continued use of the substandard shop causes an increased risk of injury to military and civilian personnel and/or fire damage to state and federal property. In addition the current facility is detrimental to the health, safety and welfare of our soldiers, and employees. As reported in the 1999 ISR this facility is rated as Red in all categories creating in nearly all areas unsafe conditions. In addition the most recent OSHA report lists many areas that are unsafe for the safety and health of our employees and soldiers.

1. COMPONENT	FY 2002 MILITARY	2. DATE		
ARNG	PROJECT DATA	Jun 01		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
OSHKOSH, WISCONSIN	INSNO= 55C45	Organizational Maintenance Shop		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
0505896A	21407	550003	5,274	

ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those mandated by regulations and design guides for protecting federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-2 dated 1 July 1997. The most similar DOD standards for maintenance shop construction do not address all of the current criteria incorporated in the ARNG Design Guides and thus do not yield accurate cost estimates. Therefore, the state historical costs for construction of like facilities was used to develop baseline unit cost and was adjusted for size, fiscal year and location. An economic analysis was prepared and utilized to evaluate this project. Alternative methods of meeting the facility requirement have been explored during project development. It was determined that this project is the only feasible option available to meet the requirement. Parametric estimates have not been used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP/MAJ\_Richard Zierath / (608)242-3532

CFMO/LTC Jeffrey Liehten / (608)242-3365

1. COMPONENT	FY 2002 MILITARY	CONSTRUCTION	2. DATE	
ARNG	PROJECT DATA	(Continuation)	Jun 01	
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
OSHKOSH, WISCONSIN	INSNO= 55C45	Organizational Maintenance Shop		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
0505896A	21407	550003	5,274	

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

SUMMARY OF RISK AND THREAT ANALYSIS

Method used to perform the risk & threat analysis: Per DA Pam 190/51 and TM 5-853-1

Date of risk & threat analysis: 19 Jan 01

Members of planning board: MAJ Steve Lewis (Logistics), MAJ Richard Zierath (Intelligence & Security), CPT Daniel L Pulvermacher (Engineering), WO Edgar Sutta (User & Operations).

Findings of the risk & threat analysis: Threat to asset category B items is Level II and threat to asset category C, I, and O items is Level I.

Physical protective measures: Controlled access to the facility will be established by providing a perimeter fence around the entire military vehicle parking area to include the POL and three sides of the facility; Off-Limit signs will be posted throughout the fencing and the facility; safety & security lighting will be provided around the facility and parking areas; a key control program will be established; repair parts will be locked in a separate room and will be secured in caging/containers; bulk POL will be stored and secured in a separate room; facility will be located within view of the current Armory; no line of approach is perpendicular to the facility; facility will have minimal vehicle access points; VIP parking will be located a safe distance from the building, and a physical security plan will be established at this facility.

AT/FP/MAJ Richard Zierath / (608)242-3532

CFMO/LTC Jeffrey Liehten / (608)242-3365

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION		2. DATE		
ARNG	PROJECT DATA	A (Continuation)	Jun 01		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
OSHKOSH, WISCONSIN	INSNO = 55C45	Organizational Maintenance Sh	nop		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
0505896A	21407	550003	5,274		
12. SUPPLEMENTAL DATE					
a. ESTIMATED DESIGN I	DATA:				
(1) STATUS:					
	TARTED				
(b) PERCENT COMP		2001			
. ,	XPECTED TO BE 35% COMP				
` '	XPECTED TO BE 100% COM				
	OSTS USED TO DEVELOP C				
(f) TYPE OF DESIGN	I CONTRACT	<u>Desig</u>	n-Bia-Buila		
(g) AN ENERGY STU	IDY AND LIFE CYCLE COST	ANALYSIS			
WILL BE DOCUMENT	ED DURING FINAL DESIGN.				
(2) BASIS:					
	DEFINITIVE DESIGN	YES NO X			
(b) WHERE DESIGN	WAS MOST RECENTLY USI				
(3) TOTAL DESIGN	COST (c)=(a)+(b) or (d)+(e)	(\$000)			
(a) PRODUCTION O	F PLANS AND SPECIFICATION	ONS	(292.6)		
` '	IGN COSTS				
(c) TOTAL			(439)		
(d) CONTRACT		9%	(439)		
(e) IN-HOUSE			(0.0)_		
COST OF REPR	ODUCTION OF PLANS AND	SPECS	. (7.5)		
(4) CONSTRUCTIO	N CONTRACT AWARD DATE		07/02		
(5) CONSTRUCTIO	N START	N START			
(6) CONSTRUCTIO	(6) CONSTRUCTION COMPLETION DATE				
b. EQUIPMENT ASSOCI	ATED WITH THIS PROJECT	WHICH WILL BE PROVIDE	D FROM		
OTHER APPROPRIA	TIONS				
		FISCAL YEAR			
EQUIPMENT	PROCURING	APPROPRIATION	COST		
NOMENCLATURE	APPROPRIATION	OR REQUESTED	(\$000)		
TELECOM	OMNG	FY 03	15		
FURNITURE	OMNG	FY 03	21		
		TOTAL	36		

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION					2. DATE Jun 01	
3. INSTALLATION AND LOCATION  4. PROJECT TITLE  UNSPECIFIED MINO				D CONCT	DUCTION		
NATIONWIDE	UNSPE	ECIFIED		UNSPECIF	IED MINC	OR CONST	RUCTION
5. PROGRAM ELEMEN 0505896A		6. CATEGORY CODE N/A	7. PROJECT NUMBE	ĒR	8. PROJE	CT COST (\$000) 4,671	
			9. COST ESTIMATES	3	-		
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MI	NOR C	ONSTRUCTION					4,67
	fied min	IED CONSTRUCTION  or construction projects, inclu as authorized under Title 10 L		alteration, or c	conversion (	of permanen	t or temporary
facility shortfalls, un weather or other ac authorization in the CURRENT SITUA	foreseei ts of nat regular N TION:	nstruction of projects not other in conditions resulting from char dure. The dollar cost for corre- dilitary Construction Program. These urgent unforeseen project ealth, and safety. These project	anges in mission and cting these identified roject address high	d equipment, on the state of th	r to correct such that t ch as critic	damage caus hey do not re cal mission	sed by severe equire specific

1. COMPONENT  ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE June 01				
3. INSTALLATION AND LOCATION			4. PROJECT TI	ROJECT TITLE PLANNING AND DESIGN				
NATIONWIDE I	JNSPE	CIFIED		PLAININI	NG AND I	DESIGN		
5. PROGRAM ELEMEN 0505896A		6. CATEGORY CODE N/A	7. PROJECT NUMBE N/A				25,794	
			9. COST ESTIMATES	 S				
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PLANNING AND D	DESIGN						25,794	
10. DESCRIPTION OF	PROPOS	ED CONSTRUCTION						
Provides funding to military construction		e engineering plans, designs, d n.	lrawings and specif	ications require	d to execute	e the Army N	National Guard	
11. REQUIREMENT								
Funds requested are required minimum.	e require	ed to plan Army National Guard	I military construction	on projects. Fu	nding reque	est is conside	ered to be the	

1.COMPONENT	FY 2002 GUARD AND RESERVE				
ARNG	MILI	TARY CONSTRUCTIO	N	Jun 01	
3. INSTALLATION A HUN	ND LOCATION TSVILLE, ALABAMA				
12. SUPPLEMENTAL	DATA:				
	UNIT DESIGNATION		STRENGTH  AUTHORIZED A	CTUAL	
	TENANCE COMPANY A TPSN: 31163 .NG01		84	56	
1117TH ORDN UIC: WTXHAA MTOE: 09529L	TPSN: 33900		21	16	
		SUBTOTAL	105	72	
		TOTAL	519	375	